

3. No fire broke out within the Municipality during the year under review.

4. The year under review witnessed the installation of a Manual Fire Engine with accessories and a staff of men to work it at the Garden Reach Thana, and it was hoped that they would be permanently installed there, but owing to the reputed unhealthy state of the tank in the Police compound the men and engine were taken away and were absent for about six months. The tank has been filled up recently and the men and engine have been relocated at this station for the past six weeks, and it is hoped they will now be allowed to remain, as with the fire engine at Watgunge, there is every probability that Dook bridge might be opened when the engine was required, and the delay thus caused in getting the engine to Garden Reach might be disastrous.

5. The annexed statement will show the number of ware houses within the Municipality to which licenses were granted during the year 1905-1906 and the amount of fees levied from them.

*List of Warehouses for the year 1905-1906.*

Serial No.	Name of License holder.	Description of warehouses.	Amount.
			Rs. A.
1	I. G. N. & R. Co. ...	Dockyard ...	47 0
2	Messrs. Bird & Co. ...	Jute mill ...	532 0
3	" Andrew Yule & Co. ...	Cotton mill ...	532 0
4	R. S. N. Co. ...	Dockyard ...	47 0
5	Messrs. Macneill & Co. ...	Jute godown ...	100 0
6	British Indian Oil Mill ...	Oil mill ...	112 0
7	Forbes Mitchell & Co. ...	Rope works ...	44 0
8	Superintendent, Government Remount Depot.	Hay and straw godown ...	44 0
9	Messrs. Mackinnon, Mackenzie & Co.	Cotton mill ...	280 0
10	Messrs. John King & Co. ...	Wood, etc. ...	11 0
11	N.-W. Soap Co. ...	Soap factory ...	112 0
12	Massook Ally ...	Wood depôt ...	2 8
13	Sarferaz ...	Ditto ...	5 0
14	Raj Kristo Sett ...	Straw depôt ...	10 0
15	K. P. Mundal ...	Ditto ...	10 0
16	Moti Lall Dalu ...	Ditto ...	5 0
17	Bonomali Ghose ...	Kerosine depôt ...	10 0
18	Sultan ...	Wood depôt ...	2 8
19	Sk. Beliat Ali Ahmed ...	Ditto ...	8 0
20	Wife of Shohan Dass ...	Ditto ...	1 4
21	Khoda Bakhsh ...	Ditto ...	2 8
22	Emanat Ali ...	Ditto ...	2 8
23	Ahmed Ali ...	Ditto ...	2 8
24	Dookes Bewa ...	Ditto ...	1 4
25	Bhaira Lall ...	Ditto ...	5 0
26	Netaher Mistree ...	Ditto ...	2 8
27	Rohim ...	Ditto ...	2 8
28	Peroo Shaikh ...	Ditto ...	2 8
29	Ratwara ...	Ditto ...	2 8
30	Pallaram Kohur ...	Ditto ...	5 0
31	Tepa Bewa ...	Ditto ...	1 4
32	Annoda Prosad Nundy...	Kerosine depôt ...	10 0
33	Hari Mohan Ghose ...	Straw depôt ...	2 8
		Total ...	1,957 12

RESOLUTION ON THE ANNUAL REPORT OF THE WORKING OF THE  
CO-OPERATIVE CREDIT SOCIETIES IN BENGAL FOR THE YEAR  
1905-1906.

REVENUE DEPARTMENT—LAND REVENUE.

*Calcutta, the 11th August 1906.*

RESOLUTION—No. 2466—L.R.

READ—

A Report No. 255C.S., dated the 12th of April 1906, from Mr. W. R. Gourlay, on the working of the Co-operative Credit Societies for the year ending the 31st March 1906; and a Supplementary Report No. 408C.S., dated the 16th July 1906, from Mr. L. E. B. Cobden-Ramsay, on the same subject.

Read again—

Government Resolution No. 3032T.—R., dated the 9th September 1905, on the Registrar's report for 1904-05.

THIS is the second report submitted by the Registrar, but it is the first of its kind dealing with societies registered under Act X of 1904.

2. The report was due to Government on the 1st July. Mr. Gourlay, the Registrar, before he proceeded on leave, submitted a preliminary report on the 12th April last, but it was not possible to prepare statistics by that date. The compilation of the statistics and the preparation of a review of them was, therefore, left to his *locum tenens*, Mr. Cobden-Ramsay, who was unable to submit them until the 19th July, and the report as a whole did not reach Government till the 27th idem. The statistics now submitted are not in all cases complete, and the figures of seven societies were not before Mr. Ramsay when he prepared his review. The reports submitted are clear and concise, and it is unnecessary to review them in detail.

3. Mr. W. R. Gourlay was in charge of the Department, in addition to his duties as Private Secretary to His Honour the Lieutenant-Governor, from the beginning of the year till the end of July, when Mr. L. E. B. Cobden-Ramsay was appointed Registrar and acted as such till Mr. Gourlay relieved him in December. Messrs. Gourlay and Cobden-Ramsay spent 157 days on tour and visited all the districts of the Province, except Burdwan, Hooghly, Jessore, Khulna, Murshidabad and Bhagalpur.

4. The year 1905-06 opened with 67 unregistered societies. Eight of these were situated in districts which have been transferred to the Province of Eastern Bengal and Assam. Five societies (Majnamutha, Chakdhi, Dalsingserai, Baktiarpur and Baltara) ceased to exist owing to various circumstances. Two more—Chenny and Loopoongtooly—were amalgamated with the Rampur Society. Of the remaining 52 societies, 19 were registered during the year, 38 new societies were also registered during the year, and at its close 90 societies in all—registered and unregistered—stood on the list as against 67 in the preceding year.

5. The number of members of the societies amounted to 4,617 as against 3,280 in 1904-05, and the number of loans granted rose from 1,737 in 1904-05, to 2,595 in the year under review. The members of the different societies varied from 10 to 357, and the amount of capital from Rs. 100 to Rs. 2,000.

6. The unequal distribution of loans was one of the points to which attention was drawn in paragraph 5 of the Government Resolution on the Report for 1904-05. In that year the loans varied from Re. 1 to Rs. 101. In the year under review, the unevenness of the distribution of loans was even more marked, being from Re. 1 to Rs. 265 in the rural societies, and from Rs. 5 to Rs. 550 in the case of the urban societies. Mr. Cobden-Ramsay notes that variation is bound to continue till it is found by experience that the poorer members are as prompt as their well-to-do brethren in repaying

the loans granted to them, as the question of security must influence the Committees in granting loans. Moreover, in urban societies, which are practically "Limited Companies," the distribution varies according to the number of shares held by each member.

7. The societies were financed either by loans (with or without interest) from Government and from private parties and by deposits made by the members. Rupees 3,210 were granted to registered societies free of interest

	Rs.
Mr. Hamilton's Fund ...	2,605
" G. D. Pyne ...	2,000
Kailashewari Fund ...	1,500
Domopara Ward's Estate ...	1,500
Bettiah Raj ...	650
Mission Fund ...	600
	<hr/> 10,355
Hatwa Raj ...	1,700
Darbhang Raj ...	1,020
Babu K. P. N. Singh ...	913
" Gulab Chand ...	786
Magistrate's Charitable Fund ...	450
Madhubani Babus ...	305
Bettiah Raj ...	300
	<hr/> 5,474

for three years in accordance with paragraph 26 of the Resolution of the Government of India, dated the 29th April 1904, on deposits of equal amounts being made by the members. Rupees 5,457 were lent by Government on interest at  $6\frac{1}{4}$  per cent. to societies in Government estates, and Rs. 15,829 were advanced by other parties. Of the latter amount, Rs. 10,355 went towards financing the registered societies, and the balance of Rs. 5,474 to help the unregistered societies. The details of these are given on the margin.

The deposits made by the members amounted to Rs. 8,614 as against Rs. 3,181 in 1904-05.

8. The rate of interest which the societies charged on loans granted to members was generally  $12\frac{1}{2}$  per cent. as in last year, but Mr. Gourlay shows in paragraph 6 of his report that in some cases it is better for a society to charge  $18\frac{3}{4}$  per cent. on lending out money borrowed locally, than to borrow money from outside sources and lend it out at a lower rate.

9. The societies worked on the whole at a profit. The total assets amounted to Rs. 47,786-6-10, and their liabilities to Rs. 44,276-4-7 $\frac{1}{2}$ , thus leaving a profit of Rs. 3,510-2-2 $\frac{1}{2}$  as against Rs. 1,955-1-6 $\frac{1}{2}$  in the preceding year.

10. These results indicate that the scheme is progressing steadily, but much depends on the zeal and sympathy of local officers. It has succeeded most in the districts of the Bihar, Orissa and Chota Nagpur Divisions and in the district of Midnapore. Mr. Gourlay thus describes the causes of this success :—

"With few exceptions, all the societies which are at present working are founded on the credit which the individual member has within his village. That such a credit, founded on a character for honesty, exists is well known to all who are familiar with village life. The majority of the village transactions are done without a word in writing, and such debts are seldom repudiated. This credit, however, seldom extends beyond the limits of the village, and in many cases not even beyond the limits of the *tola*, or hamlet, in which the individual resides. It is this existing village credit which has to be organised, and when the villagers understand this, unlimited liability has no terrors for them; they accept the principle without question.

"The secret of financing agriculture in India is not in creating anything new but in organising the credit which already exists."

The scheme is being extended gradually on sound lines, and this will yield better results in the end than the establishment of a large number of societies in communities where the principle of co-operation is not properly understood. Of the two obstacles which hinder progress in these tracts, viz., the want of capital and the absence of men able to explain the principles to guide the villagers, the latter is the most serious, though it is hoped that in the large Christian communities of Chota Nagpur the requisite instruction may in time be furnished by the Missionaries and their assistants. As to capital, it is not too much to expect that others will follow the example of Rai Camaleswari Prasad Singh Bahadur, of Monghyr, and such is now being done by local *mahajans* in parts of Midnapore.

11. The Government of India in their Circular Order No. 7—30-4, dated the 29th May 1906, desired that the cases in which disputes about the recovery of loans from members were referred to the Registrar or were the



subject of arbitration should be noticed in the report. The Registrar reports that there were no such cases during the year. The Lieutenant-Governor agrees with Mr. Cobden-Ramsay and the Board that to allow loans to be recovered on the decision of the Registrar, as a public demand, would be likely to encourage careless granting of loans and to cause apathy among the Committees who manage the societies.

12. An effort was made during the year to establish grain societies and *golas* for seed grains, but the schemes have made little progress for the reasons given in paragraph 12 of Mr. Gourlay's report.

13. The Lieutenant-Governor desires to place on record his appreciation of the zeal and energy with which Messrs. Gourlay and Cobden-Ramsay performed their duties.

His Honour also notices with pleasure the valuable assistance given to the movement by Mr. Hopkyns, Subdivisional Officer of Bettiah, the Revd. Mr. Finch-White, of Hazaribagh, Babu Jamini Mohan Mitra, Deputy Collector of Midnapore, and Rai Camaleswari Prasad Singh Bahadur, of Monghyr.

ORDER.—Ordered that a copy of the Resolution be forwarded to the Board of Revenue for information and communication to the Registrar, Co-operative Credit Societies.

By order of the Lieutenant-Governor of Bengal,

R. W. CARLYLE,

*Chief Secy. to the Govt. of Bengal.*



## WEATHER AND CROP REPORT.

For the week ending the 13th August 1906.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
1	BURDWAN ...	Inches. 6.99	8	9	Standing crops doing well. Transplantation of <i>aman</i> paddy continues. Rain required in Raniganj and Assansole. Prospects of standing crops good. Fodder and water sufficient everywhere. No cattle-disease.
2	BIRBHUM ...	3.62	9	9	Weather seasonable. Transplantation of paddy continues. No cattle-disease. Fodder and water sufficient.
3	BANKURA ...	1.70	9½	9½	Weather seasonable. Transplantation of paddy going on. More rain wanted. State of sugarcane good. No cattle-disease. Fodder and water sufficient.
4	MIDNAPORE ...	1.73	10	10	Weather seasonable. More rain still wanted at Contai. Transplantation of paddy still going on. Fodder and water sufficient. No cattle-disease.
5	HOOGLHY ...	3.00	8	8	Rainfall general. Weather seasonable. More rain wanted. Transplantation of <i>aman</i> paddy going on. Prospects of jute fair. No cattle-disease. Fodder and water sufficient.
6	HOWRAH ...	3.83	8	8	Transplantation of paddy seedlings is going on. Standing crops are doing well. Fodder and water sufficient. No cattle-disease reported. More rain is required.
7	24-PARGANAS	2.52	8	8	Rainfall general. Weather hot and cloudy. More rain wanted in all the subdivisions except in Diamond Harbour. Transplantation of <i>aman</i> going on briskly. Harvesting of jute commenced on low lands. State of standing crops fair. Prospects of jute and <i>aus</i> fair. Floods subsided in Diamond Harbour. Insect-pests are disappearing. Cattle-disease reported from two thanas. Fodder and water sufficient.
8	NADIA ...	1.21	9	9	Rainfall general. Prospects of standing crops good. Jute crop much improved by the heavy rainfall in the subdivision. Transplantation going on briskly. Fodder and water sufficient. No cattle-disease.
9	MURSHIDABAD	4.38	8	9	Rainfall general. Weather seasonable. <i>Aus</i> is being harvested. <i>Aman</i> is being transferred. Prospect of jute good. No cattle-disease. Fodder and water sufficient.
10	JESSORE ...	2.35	7½	8	Rainfall general. Heavy rainfall at Jhenida. Weather seasonable. Condition of jute good. Some damage is caused by insects in Sadar and Bangaon. Harvesting of <i>aus</i> and jute commenced in places. Fodder and water sufficient. No cattle-disease. High prices and slight distress continue; gratuitous relief and agricultural loans being given.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
11	KHULNA ...	Inches. 2·07	7* 8 to 8½†	7½* 7½†	Rainfall general, but insufficient at Bagerhat and Satkhira. Transplantation of winter rice not progressing well for insufficient rain. Sowing of <i>til</i> in progress. As regards jute—weather not seasonable and rainfall insufficient at Satkhira; condition fair; sowing finished; some damage done by insects at Satkhira. No cattle-disease. Fodder and water sufficient.
12	PATNA ...	4·93	9½	9½	Weather rainy. Rainfall general throughout the district, but more rain wanted in the Bihar subdivision for transplanting paddy. <i>Bhadoi</i> and sugarcane crops doing well. No cattle-disease. Fodder and water for cattle plentiful.
13	GAYA ...	9·00	9½	10½	Rainfall general. Weather showery. Prospects of sugarcane and <i>bhadoi</i> crops good. Transplantation of paddy in full swing. Fodder and water sufficient everywhere. Prices falling at Aurangabad, going up at Sadar, stationary elsewhere.
14	SHAHABAD ...	12·79	10½	11	Rainfall general. Transplantation of paddy in progress. Sugarcane doing well. 25 per cent. loss to the <i>bhadoi</i> crops reported from Shahapur thana owing to excessive rain. No cattle-disease. Water sufficient.
15	SARAN ...	6·62	10	10	Weather too rainy and cold. Transplantation done on about 75 per cent. of usual area. Some damage done to <i>bhadoi</i> crops owing to recent excessive rain and to <i>bhadoi</i> and <i>aghani</i> paddy in the river-side lands by floods. Sugarcane and indigo doing well. Cattle-disease reported from Maharajanj outpost. Fodder and water sufficient. Maize sells at 13½ seers a rupee at Sadar.
16	CHAMPARAN ...	15·08	9½	9½	Excessive rain has damaged <i>bhadoi</i> crops. Expected outturn reduced from 80 to 70 per cent. Transplantation of winter rice continues. About normal area transplanted. No cattle-disease. Fodder and water sufficient. Prices of common rice and maize slightly risen. Maize sells at 11½ seers a rupee.
17	MUZAFFARPUR	9·89	8	9	Rainfall general. Weather cloudy and rainy. Prospects of crops, hitherto excellent, rendered precarious by flood and heavy rain. Extent of damage not yet ascertained. Fodder sufficient.
18	DARBHANGA ...	12·27	8½	9½	Rainfall general except in the Samastipur subdivision. Weather cloudy. The paddy crop in flooded areas, which include Madhubani subdivision and half of Sadar subdivision, is practically under water. Enquiry is being made. Prospect good in Samastipur subdivision.

\* Local rice.

† Rangoon rice.

No.	Name of district.	Rainfall at Sada station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
19	MONGHYR ...	4.20	8½	8½	Weather seasonable. Rainfall general. Transplantation of winter paddy continues. Prospects of standing crops good, except those damaged by flood in the northern part of the Sadar subdivision. No cattle-disease. Fodder and water sufficient.
20	BHAGALPUR ...	2.69	9½	10½	Weather seasonable. Prospects of <i>bhadoi</i> crops good. <i>Marua</i> is being harvested in places. Transplantation of winter rice is still going on in some parts of Supaul subdivision. Cattle-disease reported from some thanas. Fodder and water sufficient.
21	PURNEA ...	7.93	8	8	Heavy rain has damaged jute and paddy crops. Transplantation of <i>aghani</i> paddy and cutting of jute continue. Prospects of <i>bhadoi</i> and <i>aghani</i> good; of jute fair. No cattle-disease. Fodder and water sufficient.
22	DARJEELING ...	13.58	6½	7	Weather seasonable. Hills—Maize and potato being harvested. Winter rice and <i>marua</i> being transplanted. <i>Bhadoi</i> paddy in fair state. Terai—state of standing crops fair. Transplantation of winter rice going on.
23	SONTHAL PAR- GANAS.	2.81	9½	9	Rainfall general and sufficient. Weather generally seasonable. Transplantation of paddy going on. Sugarcane and indian-corn doing very well. No cattle-disease. Fodder and water sufficient.
24	CUTTACK ...	.....	11½	11½	Slight Rainfall. More rain badly wanted. <i>Biali</i> in ear. <i>Saradh</i> being transplanted. <i>Mandua</i> , jute, <i>arhar</i> and cotton growing. Fodder and water sufficient. No cattle-disease.
25	BALASORE ...	Nil	9½	11	Weather hot. Rain badly wanted. Puddling, weeding and transplanting of <i>saradh</i> retarded for want of rain. <i>Ashu</i> in ear. Insects damaging paddy slightly. Sugarcane, jute and vegetables doing well. Fodder and water available.
26	ANGUL ...	3.88	10	10	Weather seasonable. More rain wanted. Puddling and transplantation of winter rice in full swing. <i>Bhadoi</i> , sugarcane and cotton crops doing well.
27	PURI ...	2.84	10½	10½	Weather seasonable. Sugarcane coming up well. Puddling and transplantation of <i>saradh</i> estimated at 95 per cent. of usual area and weeding at 50 per cent. <i>Biali</i> and <i>mandua</i> in ear in some places and ripening at others. Miscellaneous crops doing well. No cattle-disease. Fodder and water sufficient.
28	SAMBALPUR ...	4.74	11	11½	Rain has been general, although less in the Kolabira and Borasamber zamindaris. Sowing of <i>ti</i> and <i>urid</i> in progress. Reploughing and transplantation still in progress. Weeding of autumn rice commences. Standing crops in good condition. Cattle-disease is prevalent. Fodder and water-supply sufficient.



No.	Name of district.	Rainfall at sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
29	HAZARIBAGH	2·81	10½	11	Weather cloudy. Prospect of standing crops good. Transplantation of paddy continues. More rain wanted. Cattle-disease reported from two thanas. Fodder and water sufficient.
30	RANCHI ...	6·65	10½	10½	Weather cloudy. Transplantation of paddy continues. State of standing crops good. Cattle-disease reported from one thana. Fodder and water sufficient.
31	PALAMAU ...	3·94	10	9	Weather seasonable. Transplantation of paddy and <i>marua</i> in progress. <i>Til</i> and <i>kurthi</i> being sown. Standing crops doing well. No cattle-disease. Fodder and water sufficient.
32	MANBHUM ...	3·64	9½	9½	Weather seasonable. Prospects of crops good. Transplantation of winter rice in full swing. Fodder and water sufficient. Cattle-disease reported from Rajganj thana.
33	SINGHBHUM ...	3·13	10	10	Transplantation of paddy continues. Cattle-disease reported from thanas Chakradharpur and Kalkapur. Fodder and water sufficient.
34	COOCH BEHAR	15·13	8	8	Rainfall general. Weather rainy. Floods and excessive rain have caused damage to the <i>bhadoi</i> crop and jute. <i>Haimanti</i> seedlings damaged in places. Transplantation of winter rice and harvesting of <i>bhadoi</i> continue. Fodder and water sufficient. Cattle-disease reported from thanas Dinhata and Mathabhanga. Cutting and steeping of jute going on.

GENERAL SUMMARY.—Rain was very heavy in the Patna Division and also in Darjeeling, Cooch Bihar and Purnea, and moderate in the rest of the Province except Cuttack and Balasore, where there was practically no rain. Considerable damage by floods to the *bhadoi* crops and young *aman* paddy is apprehended in Shahabad, Saran, Champaran, Muzaffarpur and Darbhanga, while more rain is reported to be required for the transplantation and weeding of *aman* paddy in some of the districts of the Burdwan and Presidency Divisions and also in Cuttack and Balasore. Slight distress on account of high prices of food-grains is reported from Jessore. Prospects of *aman* paddy good. Cattle-disease is reported from nine districts. Fodder and water are sufficient. The price of common rice has risen in fifteen and fallen in four districts. It continues to be high in most districts.

C. A. OLDHAM,  
Director of Agriculture, Bengal.

DEPT. OF AGRICULTURE, BENGAL,  
The 14th August 1906.

IRRIGATION DEPARTMENT, BENGAL.

*Abstract Statement showing Tollage on Canals in Bengal classed as Major Works for the month of June 1906, as compared with that of the corresponding month of the previous year.*

CANALS.	TOLLAGE, 1906-07.			TOLLAGE, 1905-06.		
	During the month.	To end of the month.		During the month.	To end of the month.	
<i>Orissa Canals.</i>	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.	
Taldanda Canal System	2,310 1 0	4,190 5 3		2,274 2 0	6,048 7 6	
Kendrapara ditto	402 8 3	6,691 12 2		1,610 3 3	6,329 10 6	
High Level, Range I	227 14 6	1,364 9 9		748 8 3	2,422 9 3	
Ditto II	31 10 9	252 10 0		84 4 6	379 10 3	
Ditto III	9 11 0	72 15 6		45 14 6	108 1 6	
Jajpur Canal	43 3 6	94 14 0		75 4 0	148 14 0	
Total Orissa Canals	3,025 1 0	12,667 2 8		4,838 4 6	15,437 5 0	
Midnapore Canal	3,882 5 3	18,181 7 0		7,338 2 9	22,052 1 3	
Hijili Tidal Canal	6,451 7 3	23,293 1 3		6,622 1 9	20,616 14 6	
<i>Sone Canals.</i>						
Patna Canal System	357 8 9	2,472 11 2		1,562 12 6	5,920 4 9	
Arrah ditto	818 3 3	2,621 7 10		306 4 10	2,309 14 2	
Buxar ditto	360 9 9	2,297 1 9		412 8 6	1,563 4 0	
Total Sone Canals	1,536 5 9	7,391 4 9		2,281 9 10	9,793 6 11	
GRAND TOTAL	14,895 3 3	61,532 15 8		21,080 2 10	67,899 11 8	

CALCUTTA,  
The 8th August 1906.

H. H. STEVENS,  
Under-Secy. to the Govt. of Bengal.

IRRIGATION DEPARTMENT, BENGAL.

*Abstract Statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of June 1906, as compared with that of the corresponding month of the previous year.*

CANALS.	TOLLAGE, 1906-07.			TOLLAGE, 1905-06.		
	During the month.	To end of the month.		During the month.	To end of the month.	
	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.	
Calcutta and Eastern Canals	20,549 11 0	56,969 14 0		17,293 1 0	66,308 8 6	
Tolly's Nala	5,285 6 0	16,563 14 6		7,038 14 5	24,010 6 5	
Madaripur Bhil Route	794 4 0	794 4 0		586 3 0	586 3 0	
Total	26,629 5 0	74,328 0 6		24,918 2 5	90,905 1 11	
Orissa Coast Canal	2,744 1 6	9,395 6 3		2,074 13 6	7,162 9 3	
Nadia Rivers	810 7 7	5,855 3 7		4,486 1 7	11,897 11 7	
GRAND TOTAL	30,183 14 1	89,578 10 4		31,479 1 6	1,09,965 6 9	

CALCUTTA,  
The 8th August 1906.

H. H. STEVENS,  
Under-Secy. to the Govt. of Bengal.

## IRRIGATION DEPARTMENT, BENGAL

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1906-07.

Area leased for irrigation up to end of June 1906.

Circles.	District.	Canal.	Estimated full discharge.	C. ft.	Average discharge in month.	Discharge utilized.	Approximate area of land irrigated during the year up to the end of the month.	Acres.	Approximate area of land under irrigation up to the same date last year.	SEASON LEASES.						Grand total.	Inches.	During month.	Up to end of month.	Inches.	During month.	Up to end of month.	REMARKS.
										Long-term leases.	Kharif.	Rabi.	Sugarcane.	Hot-weather.	Total.								
DETAILS OF AREAS LEASED.																							
RAINFALL, 1906-07.																							
RAINFALL, 1906-08.																							
Inches.																							
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(a) Provisional lease.



Canals.	District.	Canal.	DETAILS OF AREAS LEASED.										RAINFALL, 1906-07.		RAINFALL, 1905-06.		REMARKS.			
			Estimated full discharge.	Average discharge in month.	Discharge utilized.	Approximate area of land irrigated during the year to the end of the month.	Approximate area of land under irrigation up to the same date last year.	SEASON LEASED.					Grand total.	During month.	Up to end of month.	During month.		Up to end of month.		
								Long-term lease.	Khairi.	Bahl.	Guaranteed.	Hot-weather.							Total.	
SARS	Shahabad	Western Main	4,512	789	47	8,016	18,498	...	...	...	...	504	504	19,007	436	436	436	0-37		
		Buxar	1,236	194	116	24,728	25,412	...	...	...	...	8,358	8,358	91,173	578	578	578	0-26		
		Arrah	2,000	534	324	47,310	55,423	...	...	...	...	14,559	14,574	146,103	581	581	577	0-46		
		Eastern Main	1,468	146	145	1,108	1,444	...	...	...	...	36	408	3,439	439	504	129	0-18		
		Patna and Gaya	...	...	...	25,313	26,546	2,803	...	...	...	6,334	9,137	75,736	...	...	...	...		
	Champana	Total Some Canals	...	...	...	106,367	114,383	3,287	...	...	...	50,879	30,356	340,687	...	...	...	...		
		Total of the corresponding period of last year.	...	...	...	...	...	996	...	...	...	24,469	25,415	309,506	...	...	...	...		
		Total of the corresponding period of last year.	174	5	4	136	...	...	...	...	...	102	102	102	1370	1371	1371	8-74		10-30
		Total of the corresponding period of last year.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
		Total of the corresponding period of last year.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
SARS	Sarsa	Dhaka Canal	300	23	10	220	...	161	...	...	...	220	267	267	579	579	579	...		
		Total Dhaka Canal	...	...	...	220	...	144	...	...	...	223	267	267	...	...	...	...		
		Total of the corresponding period of last year.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
		Total of the corresponding period of last year.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
		Total of the corresponding period of last year.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
SARS	SARS	GRAND TOTAL	...	...	...	114,003	125,016	5,945	5	235	27,410	23,315	819,112	...	...	...	...			
		GRAND TOTAL OF THE CORRESPONDING PERIOD OF LAST YEAR.	...	...	...	...	...	605,469	11,453	4	217	24,856	20,310	641,809	...	...	...		...	
		GRAND TOTAL OF THE CORRESPONDING PERIOD OF LAST YEAR.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	

Canals closed.

CALCUTTA,  
The 9th August 1906.H. H. STEVENS,  
Under-Secretary to the Govt. of Bengal.

## GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

*Approximate Return of Traffic on the Circular and Eastern Canals for the week ending Saturday, the 11th August 1906, as compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 11TH AUGUST 1906.			WEEK ENDING SATURDAY, THE 18TH AUGUST 1905.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
		Mds.	Rs.		Mds.	Rs.
Rice and paddy	257	26,500	304	270	53,338	696
Jute	71	9,296*	162	27	1,602†	39
Firewood	72	41,566	613	29	20,770	311
Other articles	541	1,20,709	1,441	639	1,48,222	1,912
Total	941	2,08,069	2,520	1,266	2,23,932	2,960

\* Weight by canal measurement, 10,000 maunds.  
† Ditto ditto, 1,937½

## Abstract of the Results of Meteorological Observations taken at the Alipore Observatory in the month of July 1906.

	Inches.	Date.	Hour.
The mean pressure of the month ... ..	29.502		
The average pressure of July from 44 years' registers ...	29.537		
The highest pressure in the month ... ..	29.777	31st	
The lowest pressure in the month ... ..	29.290	25th	
The range of pressure ... ..	0.487		
Hours			
The total number of hours of bright sunshine during the month	125.0		
The maximum possible number of hours of sunshine ...	413.1		
°			
The mean temperature of the month ... ..	84.7		
The average temperature of July from 20 years' registers ...	83.1		
The highest temperature in the month ... ..	93.1	18th	
The lowest temperature in the month ... ..	74.5	2nd	
The range of temperature during the month ... ..	18.6		
The mean daily range of temperature ... ..	10.3		
The greatest range of temperature in one day ... ..	15.5	15th	
Per cent.			
The mean humidity of the month ... ..	85		
The average humidity of July from 20 years' registers ...	87		
Inches.			
The mean vapour tension of the month ... ..	1.005		
The average vapour tension of July from 20 years' registers ...	0.962		
The mean cloud proportion of the month ... ..	8.29		
The average cloud proportion of July from 20 years' registers ... ..	8.07		
Inches.			
The total rainfall of the month ... ..	12.69		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 8 feet above the ground)	12.46		
The average fall of July from 24 years' registers ... ..	12.31		
The greatest fall in 24 hours ... ..	3.18	26th	
Days.			
The number of rainy days in the month ... ..	17		
The average number of rainy days in July from 24 years' registers ... ..	19		
°			
The mean maximum equilibrium temperature of solar radiation during the month ... ..	143.2		
The mean difference of sun and air temperatures ... ..	53.5		
The greatest sun temperature ... ..	155.9	17th	
The greatest excess of sun over air temperature ... ..	65.0	17th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth ... ..	77.8		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground ... ..	1.8		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature ... ..	2.3	1st, 9th, 10th, 19th and 28th.	
Miles.			
The mean movement of the wind per day ... ..	143.4		
The greatest movement of the wind in one day ... ..	327.0	28th	
The greatest movement of the wind in one hour ... ..	22.0	28th noon to 1 p.m.	

The number of hours with winds from each of the eight points—

N. 18, N.E. 11, E. 56, S.E. 118, S. 214, S.W. 292, W. 22, N.W. 9, Calm 4.

C. W. PEARE,

METEOROLOGICAL OFFICE, GOVT. OF INDIA,  
Alipore (Calcutta), the 13th August 1906.for Meteorological Reporter to the Govt. of India  
and Director-General of Indian Observatories.



Results of the Meteorological Observations taken at the Alipore Observatory from  
5th to 11th August 1906.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 35° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1906.				Inches.						Inches		%			Inches.	
Aug.	5th	108.9	Nil	29.749	84.9	86.9	5.0	81.9	82.0	1.056	80.9	88	SW by S ...	96	Nil	Cloudy, c, p, t, <.
"	6th	119.9	Nil	708	82.9	86.9	7.2	78.7	80.6	1.019	79.8	91	W by N, S by W and SSE.	80	0.46	Cloudy, c, d, p.
"	7th	153.9	3.2	687	82.6	87.6	11.0	76.6	79.5	0.969	78.3	87	SW by W and S by E.	85	0.46	Chiefly cloudy, d, p.
"	8th	138.9	2.8	631	81.6	86.1	8.4	77.7	79.3	0.968	78.2	88	SSE, SSW and S by E.	102	0.10	Chiefly cloudy, p.
"	9th	160.9	7.5	667	83.0	88.1	9.6	78.5	78.6	0.926	76.9	85	SSW ...	179	0.66	Partially cloudy.
"	10th	147.9	6.5	710	84.3	88.9	8.7	80.2	77.9	0.883	75.6	78	SW, SW by S and SSW.	228	Nil	Partially cloudy, t, p. <.
"	11th	127.1	0.4	679	83.2	86.9	6.9	80.0	79.5	0.961	78.0	85	SW by S, SW by W and WSW.	139	Nil	Chiefly cloudy, t, p. <.

The mean pressure of the seven days ... .. Inches. 29.687

The average pressure of the corresponding period for 24 years, Surveyor-General's Office ... .. 29.588

The total number of hours of bright sunshine ... .. Hours. 2.04

The maximum possible number of hours of sunshine ... .. 91.0

The mean temperature of the seven days ... .. 83.2

The average temperature of the corresponding period for 24 years, Surveyor-General's Office ... .. 83.2

The extreme variation of temperature ... .. 12.8

The maximum temperature ... .. 88.9

The highest velocity of the wind in one hour ... .. Miles. 16

The mean relative humidity ... .. % 86

The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office ... .. 86

The total fall of rain from 5th to 11th August 1906 ... .. Inches. 1.97

The average fall of the corresponding period for 24 years, Surveyor-General's Office ... .. 2.27

The total fall from 1st January to 11th August 1906 ... .. 37.83

The average fall of the corresponding period for 24 years, Surveyor-General's Office ... .. 39.15

The mean pressure, temperature, &c., are deduced from the traces of the Thermograph and from eye observations.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground. The rainfall reported on any day is for 24 hours preceding 8 A.M. of that day.

o, overcast; d, drizzling rain; p, passing temporary showers; t, thunder; <, lightning.

N.B.—In the weekly abstract from 22nd to 28th July 1906, read 103.5 for 93.5 as maximum in sun on the 26th July 1906.

C. W. PRAKE,

METEOROLOGICAL OFFICE, GOVT. OF INDIA;  
Alipore (Calcutta), the 15th August 1906.

for Meteorological Reporter to the Govt. of India  
and Director-General of Indian Observatories.

## EASTERN BENGAL STATE RAILWAY.

*Abstract of Principal Commodities carried over the Eastern Bengal State Railway during the month of May 1906 as compared with the same month of the previous year.*

No.	STAPLES.	1905. Tons.	1906. Tons.	Increase in 1906. Tons.	Decrease in 1906. Tons.	EXPLANATIONS OF FLUCTUATIONS BY TRAFFIC SUPERINTENDENT.
1	Apparel, including drapery, haberdashery, millinery, uniforms, accoutrements, boots and shoes.	36	466	.....	430	
2	Coal and coke carried for the Public and Foreign Railways.	45,176	45,383	207	.....	
3	Cotton—					
	(1) Raw	352	318	34	.....	
	(2) Manufactured—					
	(a) Twist and yarn, European	280	250	.....	30	
	(b) Ditto, Indian	287	404	.....	117	
	(c) Piece-goods, European	1,546	2,150	.....	604	
	(d) Ditto, Indian	137	87	.....	50	
	(e) Others	.....	.....	.....	.....	
4	Chemicals, excepting saltpetre	65	59	.....	6	
5	Drugs—					
	(1) Intoxicating, other than opium	23	34	.....	11	
	(2) Non-intoxicating—					
	(a) Medicinal preparations	1	7	.....	6	
	(b) Others	29	15	.....	14	
6	Dyes and Tans—					
	(1) Al (Morinda citrifolia)	.....	.....	.....	.....	
	(2) Alizarine and Aniline dyes	.....	.....	.....	.....	
	(3) Cutch	.....	.....	.....	.....	
	(4) Indigo	8	13	.....	5	
	(5) Myrabolams	.....	.....	.....	.....	
	(6) Tanning barks	.....	.....	.....	.....	
	(7) Turmeric	1,140	1,006	.....	134	
	(8) Others	31	7	.....	24	
7	Podder—					
	(1) Oilcake	1,251	855	.....	396	
	(2) Hay, straw and grass	2,837	1,937	.....	900	
8	Fruits and vegetables, fresh	975	423	.....	552	
9	Grain and Pulse—					
	(1) Gram and pulse	4,837	7,470	.....	2,633	
	(2) Jawar and bajra	19	.....	.....	.....	
	(3) Rice in the husk	20,653	6,233	.....	14,420	
	(4) Do. not in the husk	14,775	7,184	.....	7,591	
	(5) Wheat	143	924	.....	781	
	(6) Do. flour	805	943	.....	138	
	(7) Others	599	443	.....	156	
10	Hides and skins—					
	(1) Hides of cattle—					
	(a) Dressed or tanned	.....	.....	.....	.....	
	(b) Raw	1,663	1,800	.....	137	
	(2) Skins of sheep and other animals—					
	(a) Dressed or tanned	.....	.....	.....	.....	
	(b) Raw	77	132	.....	55	
11	Horns	.....	.....	.....	.....	
12	Hemp (Indian) and other fibres, excluding jute.	1,730	1,633	.....	97	
13	Jute—					
	(1) Raw	10,127	2,140	.....	7,987	
	(2) Gunny-bags and cloth	2,002	2,941	.....	939	
14	Lac	4	2	.....	2	
15	Leather—					
	(1) Unwrought	1	.....	.....	.....	
	(2) Wrought, excepting boots and shoes	.....	.....	.....	.....	
16	Liquors—					
	(1) Ale and beer	36	33	.....	3	
	(2) Spirits of all kinds, including country spirit.	60	20	.....	40	
	(3) Wines	.....	.....	.....	.....	
	(4) All other sorts, including toddy and fermented liquors, other than ale and beer.	.....	.....	.....	.....	
17	Metals—					
	(1) Brass, unwrought	74	30	.....	44	
	(2) Do., wrought	187	178	.....	9	
	(3) Copper, unwrought	9	18	.....	9	
	(4) Do., wrought	115	21	.....	94	
	(5) Iron and steel—					
	(a) Cast	107	30	.....	77	
	(b) Unwrought	.....	.....	.....	.....	
	(c) Wrought	3,106	2,339	.....	767	
	(d) Manufactures	1,329	510	.....	819	
	(6) Others	548	1,341	.....	793	
18	Oils—					
	(1) Kerosene	13,253	5,513	.....	7,740	
	(2) Castor	213	7	.....	206	
	(3) Coconut	167	131	.....	36	
	(4) Mustard and rape	754	354	.....	400	
	(5) Others	160	55	.....	105	
19	Oilseeds—					
	(1) Castor	11	17	.....	6	
	(2) Barthuats	.....	.....	.....	.....	
	(3) Linseed	1,155	4,079	.....	2,924	
	(4) Poppy	7	.....	.....	.....	
	(5) Rape and mustard	3,043	5,909	.....	2,866	
	(6) Til or jayil	86	21	.....	65	
	(7) Others	454	99	.....	355	
20	Opium	4	3	.....	1	
21	Paper and pasteboard	221	208	.....	13	
22	Provisions—					
	(1) Dried fruits and nuts	2	.....	.....	.....	
	(2) Ghee	36	43	.....	7	
	(3) Others	1,148	1,407	.....	259	

No.	STAPLES.	1905.	1906.	Increase in 1906.	Decrease in 1906.	EXPLANATIONS OF FLUCTUATIONS BY TRAFFIC SUPERINTENDENT.
		Tons.	Tons.	Tons.	Tons.	
23	Railway Plant, &c., for the Public and Foreign Railways—					
	(1) Locomotive engines and tenders and parts thereof.	.....	4	.....	4	
	(2) Carriages and trucks and parts thereof.	.....	.....	.....	.....	
	(3) Materials—					
	(a) Steel rails and fish-plates	.....	342	.....	342	
	(b) Sleepers and keys of steel and cast-iron.	.....	.....	.....	.....	
	(c) Others	715	1,793	.....	1,077	
24	Salt	9,580	8,712	867	.....	
25	Saltpetre and other saline substances—					
	(1) Saltpetre	14	7	7	.....	
	(2) Other saline substances	235	344	.....	10	
26	Silk—					
	(1) Raw—					
	(a) Foreign	.....	1	.....	1	
	(b) Indian	40	7	33	.....	
	(2) Piece-goods—					
	(a) Foreign	.....	.....	.....	.....	
	(b) Indian	.....	.....	.....	.....	
27	Spices—					
	(1) Betelnuts	1,254	1,251	3	.....	
	(2) Cardamoms	113	10	103	.....	
	(3) Chillies	703	370	333	.....	
	(4) Ginger	380	134	246	.....	
	(5) Pepper	57	45	12	.....	
	(6) Others	1,086	343	743	.....	
28	Stone and Lime	7,553	4,044	3,509	.....	
29	Sugar—					
	(1) Refined or crystallized, including sugar-candy.	970	973	.....	3	
	(2) Unrefined—					
	(a) Sugar	1,226	967	259	.....	
	(b) Gur, rab, jaggery, molasses, and other saccharine produce.	4,806	1,001	3,805	.....	
30	Tea—					
	(1) Foreign	.....	.....	.....	.....	
	(2) Indian	1,226	976	250	.....	
	Tobacco—					
	(1) Unmanufactured	5,223	4,100	1,123	777	
	(2) Manufactured—					
	(a) Cigars	40	30	10	30	
	(b) Other sorts	.....	27	.....	.....	
31	Wood—					
	(1) Timber, unwrought	4,206	4,015	191	.....	
	(2) Manufactures	218	352	.....	134	
32	Wool—					
	(1) Raw	241	174	67	.....	
	(2) Manufactured—					
	(a) Carpets and rugs	.....	.....	.....	.....	
	(b) Piece-goods, European	.....	.....	.....	.....	
	(c) Ditto, Indian	.....	.....	.....	.....	
	(d) Other sorts of manufactures	.....	.....	.....	.....	
33	All other articles of merchandise	11,397	4,842	6,555	.....	
	Total	191,501	149,396	42,105	15,033	

CALCUTTA, the 6th August 1906.

A. H. WOLLASTON,  
for Offg. Examiner of Accounts, E B S. Ry.



## BENGAL-NAGPUR RAILWAY.

*Abstract of principal commodities carried during the month of May 1906, as compared with the corresponding period of previous year.*

ARTICLES.	1905.		1906.		Total, 1905.	Total, 1906.	Increase.	Decrease.
	Up.	Down.	Up.	Down.				
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
I.—Apparel, including drapery, haberdashery, millinery, uniforms, accoutrements, boots and shoes.	13	4	9	6	17	15	2	.....
II.—Coal and coke carried for the public and foreign railways.	22,657	129,479	22,657	94,038	171,145	129,705	44,401	.....
III.—Cotton—								
1. Raw .....	263	1,181	264	2,123	1,544	2,407	.....	863
2. Manufactured—								
(a) Twist and yarn, European	2	269	3	383	271	286	.....	115
(b) Ditto, Indian	349	774	360	819	1,133	1,183	.....	50
(c) Piece-goods, European	363	259	256	210	681	460	161	.....
(d) Ditto, Indian	21	343	23	233	264	266	78	.....
(e) Others .....	.....	.....	1	2	.....	3	.....	2
IV.—Chemicals excepting saltpetre	13	6	11	83	19	84	.....	75
V.—Drugs—								
1. Intoxicating, other than opium.	.....	.....	2	9	.....	11	.....	11
2. Non-intoxicating—								
(a) Medicinal preparations	.....	.....	.....	.....	.....	.....	.....	.....
(b) Others	46	70	61	74	116	165	.....	49
VI.—Dyes and Tans—								
1. Al (morinda citrifolia)	.....	.....	.....	.....	.....	.....	.....	.....
2. Alizarine and aniline dyes	.....	.....	6	.....	.....	10	.....	10
3. Cutch	.....	.....	.....	4	.....	2	.....	2
4. Indigo	.....	.....	.....	.....	.....	.....	.....	.....
5. Myrabolams	2,063	2,038	956	1,696	4,064	3,686	2,128	.....
6. Tanning barks	31	64	99	37	94	124	.....	41
7. Turmeric	161	487	265	612	648	817	.....	169
8. Others	69	50	61	18	119	79	40	.....
VII.—Fodder—								
1. Oilcake	309	19	375	48	338	483	.....	85
2. Hay, straw and grass	234	467	50	69	629	116	511	.....
VIII.—Fruits and vegetables, fresh	431	265	671	157	816	628	188	.....
IX.—Grain and Pulse—								
1. Gram and pulse	5,445	5,047	4,836	5,983	5,492	10,787	.....	2,245
2. Jowar and bajra	95	281	189	25	270	154	223	.....
3. Rice in the husk	533	8,690	2,223	2,204	9,123	4,428	4,697	.....
4. " " not in the husk	7,788	11,411	20,364	13,954	18,179	34,334	.....	16,155
5. Wheat	5,042	2,364	11,068	9,341	5,546	21,000	.....	15,454
6. " " flour	208	72	268	51	280	339	.....	59
7. Others	196	264	319	.....	349	386	231	.....
X.—Hides and skins—								
1. Hides of cattle—								
(a) Dressed or tanned	.....	.....	.....	.....	.....	.....	.....	.....
(b) Raw	319	549	160	518	648	686	200	.....
2. Skins of sheep and other animals—								
(a) Dressed or tanned	.....	.....	.....	.....	.....	.....	.....	.....
(b) Raw	18	3	39	53	31	98	.....	71
XI.—Horns	12	.....	23	4	12	22	.....	15
XII.—Hemp (Indian) and other fibres, excluding jute.	165	247	54	667	462	741	.....	349
XIII.—Jute—								
1. Raw	78	80	99	47	188	106	.....	.....
2. Gunny-bags and cloth	883	363	1,653	444	1,144	2,301	.....	1,157
XIV.—Jute	193	163	101	572	373	673	.....	296
XV.—Leather—								
1. Unwrought	63	19	77	31	104	98	6	.....
2. Wrought excepting boots and shoes.	.....	.....	3	1	.....	3	.....	3
XVI.—Liquors—								
1. Ale and beer	15	65	9	46	50	57	23	.....
2. Spirits of all kinds, including country-spirit and wine.	43	65	44	52	96	96	.....	.....
3. Wine	.....	.....	.....	.....	.....	.....	.....	.....
4. All other sorts, including toddy and fermented liquor, other than ale and beer.	.....	.....	.....	.....	.....	.....	.....	.....
XVII.—Metals—								
1. Brass, unwrought	.....	.....	3	2	.....	5	.....	5
2. " wrought	44	40	24	40	64	133	.....	69
3. Copper, unwrought	.....	.....	.....	.....	.....	.....	.....	.....
4. " wrought	4	6	9	9	9	18	.....	9
5. Iron and steel—								
(a) Cast	28	21	66	4	40	70	.....	21
(b) Unwrought	.....	.....	.....	.....	.....	.....	.....	.....
(c) Wrought	2,144	478	202	1,072	2,624	1,674	1,050	.....
(d) Manufactures	125	33	168	167	168	315	.....	147
6. Others	59,427	1,833	21,945	625	101,280	22,578	78,682	.....
XVIII.—Oils—								
1. Kerosine	1,513	523	2,187	205	2,035	2,392	.....	357
2. Castor	17	117	11	281	134	292	.....	158
3. Coconut	20	36	41	9	76	60	25	.....
4. Mustard and rape	102	18	66	18	120	79	41	.....
5. Others	57	46	44	57	102	131	.....	29

ARTICLES.	1905.		1904.		Total, 1905.	Total, 1904.	Increase.	Decrease.
	Up.	Down.	Up.	Down.				
<b>XIX.—Miscellaneous—</b>	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1. Castor .....	4	85	95	105	90	323	.....	183
2. Karthnuts .....	.....	.....	.....	.....	.....	.....	.....	.....
3. Linseed .....	1,958	386	1,123	3,061	1,009	3,784	.....	1,005
4. Poppy .....	.....	10	13	10	10	23	.....	13
5. Rape and mustard .....	350	237	311	636	636	937	.....	331
6. Til or jimpli .....	270	471	1,576	563	747	2,144	.....	1,397
7. Others .....	530	537	206	479	637	745	119	.....
<b>XX.—Opium .....</b>	1	1	2	2	2	4	.....	2
<b>XXI.—Paper and pasteboard .....</b>	60	1	48	2	67	46	21	.....
<b>XXII.—Provisions—</b>								
1. Dried fruits and nuts .....	337	216	490	107	603	557	10	.....
2. Ghee .....	37	172	37	173	209	200	.....	.....
3. Others .....	121	169	197	114	290	261	9	.....
<b>XXIII.—Railway plant and rolling-stock carried for the public and foreign railways—</b>								
1. Locomotive engines and ten- ders and parts thereof.	31	.....	19	7	31	26	.....	5
2. Carriages and trucks and parts thereof.	66	2	.....	.....	58	.....	8	.....
3. Materials—								
(a) Steel rails and fish- plates.	324	23	13	44	292	37	205	.....
(b) Sleepers and keys of steel and cast-iron.	.....	.....	3	1	.....	4	.....	4
(c) Others .....	3,439	4,345	602	3,438	7,784	3,249	.....	1,066
<b>XXIV.—Salt .....</b>	4,735	7,535	6,451	10,361	11,270	17,013	.....	4,743
<b>XXV.—Salt-petre and other saline sub- stances—</b>								
1. Salt-petre .....	.....	.....	6	.....	.....	6	.....	6
2. Other saline substances .....	34	17	53	14	61	67	.....	16
<b>XXVI.—Silk—</b>								
1. Raw—								
(a) Foreign .....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Indian .....	2	4	10	11	7	31	.....	14
2. Piece-goods—								
(a) Foreign .....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Indian .....	.....	.....	.....	.....	.....	.....	.....	.....
<b>XXVII.—Spices—</b>								
1. Nuts .....	476	89	647	38	545	625	.....	139
2. Cardamoms .....	.....	.....	82	309	403	301	.....	.....
3. Chillies .....	167	296	.....	.....	.....	.....	.....	.....
4. Ginger .....	.....	.....	10	3	.....	13	.....	13
5. Pepper .....	.....	.....	1	71	.....	73	.....	73
6. Others .....	702	123	381	105	816	460	329	.....
<b>XXVIII.—Stones and lime .....</b>	1,821	5,518	1,693	6,356	7,037	8,184	.....	1,017
<b>XXIX.—Sugar—</b>								
1. Refined or crystallized, includ- ing sugar candy.	476	734	647	340	1,310	787	413	.....
2. Unrefined—								
(a) Sugar .....	.....	.....	6	1	.....	7	.....	7
(b) Gur, rab, jaggery, molasses, and other saccharine produce.	445	375	724	354	821	1,082	.....	261
<b>XXX.—Tea—</b>								
1. Foreign .....	.....	.....	.....	.....	.....	.....	.....	.....
2. Indian .....	13	11	7	13	24	20	4	.....
<b>XXXI.—Tobacco—</b>								
1. Unmanufactured .....	510	525	560	454	1,038	1,024	14	.....
2. Manufactured—								
(a) Cigars .....	.....	.....	1	1	.....	2	.....	2
(b) Other sorts .....	42	29	23	17	71	40	31	.....
<b>XXXII.—Wood—</b>								
1. Timber, unwrought .....	3,252	3,735	1,113	3,081	6,367	4,194	2,793	.....
2. Manufactured .....	165	39	59	46	204	102	102	.....
<b>XXXIII.—Wool—</b>								
1. Raw .....	.....	.....	1	.....	.....	1	.....	1
2. Manufactured—								
(a) Carpets and rugs .....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Piece-goods, European .....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Ditto, Indian .....	.....	.....	.....	.....	.....	.....	.....	.....
(d) Other sorts of manufac- tures.	.....	.....	.....	1	.....	1	.....	1
<b>XXXIV.—All other articles of merchandise—</b>								
1. Firewood .....	3,296	1,466	1,161	1,296	4,743	2,466	2,238	.....
2. Bamboos .....	1,377	197	1,736	789	3,074	1,325	.....	431
3. Moha .....	1,377	632	1,430	922	2,109	2,372	.....	263
4. Bones .....	83	295	120	194	378	316	64	.....
5. Others .....	1,906	1,591	2,168	1,343	3,559	3,019	540	.....
<b>Total .....</b>	<b>185,963</b>	<b>207,694</b>	<b>126,902</b>	<b>176,761</b>	<b>308,647</b>	<b>303,663</b>	<b>129,339</b>	<b>49,245</b>
Net increase .....							<b>50,984</b>	.....

Calcutta, the 2nd August 1906.

L. GREENHAM,  
for Auditor, Bengal-Nagpur Railway.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 28th July 1906 on 2,072.99 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	405,018	Rs. A. P. (a) 4,04,281 0 0	Mds. s. 49,22,875 0	Rs. A. P. (b) 8,01,405 0 0	Rs. A. P. 30,067 0 0	Rs. A. P. 12,36,353 0 0	129,577	139,522	269,100
Per mile of railway	1,453,639	19,72,737 0 0	1,87,53,940 0	28,69,142 0 0	90,599 0 0	42,92,468 0 0	349,130	519,393	868,523
For previous 3 weeks of half-year	1,858,650	16,77,018 0 0	2,37,16,815 0	36,70,547 0 0	1,21,256 0 0	54,08,821 0 0	519,067	658,815	1,177,882
Total for 4 weeks	1,858,650	16,77,018 0 0	2,37,16,815 0	36,70,547 0 0	1,21,256 0 0	54,08,821 0 0	519,067	658,815	1,177,882
COMPARISON.									
Total for corresponding week of previous year	423,430	4,40,780 5 2	60,89,665 0	8,88,003 0 2	27,926 1 7	13,50,708 6 11	124,177	155,886	280,063
Per mile of railway corresponding week of previous year	...	215 14 10	...	435 0 8	13 10 11	664 10 5	...	...	...
Total for corresponding 4 weeks of previous year	1,976,500	18,40,830 15 4	2,44,14,256 0	36,63,638 14 11	1,18,363 14 3	56,31,830 12 8	519,310	690,792	1,200,102

(a) The decrease is chiefly in inward foreign traffic on account of greater movements of pilgrims in 1905.  
(b) The decrease is chiefly in coal as well as in general merchandise.

1906.

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
2,072.99	Week ended 7th July	557,154	4,50,309	63,85,000	9,00,485	29,382	14,10,176	805	305,004	4 11 5
2,072.99	" " 14th "	457,111	4,14,082	64,01,761	9,51,794	30,505	13,96,373	674	301,511	4 9 4
2,072.99	" " 21st "	439,367	4,09,446	60,07,179	9,56,760	30,304	13,96,519	673	297,944	4 11 0
2,072.99	" " 28th "	405,018	4,04,281	49,22,875	8,01,405	30,067	12,36,353	596	269,399	4 9 5
	Totals up to date	1,858,650	16,77,018	2,37,16,815	36,70,547	1,21,256	54,08,821	660	1,177,882	4 10 3

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—concluded.

1905.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
2,041.33	First 8 days of July	609,004	5,07,593	73,45,162	10,75,471	31,069	16,14,733	701	342,064	4 11 7
2,041.33	Week ended 15th July	530,099	4,59,596	55,14,313	8,15,437	29,903	13,08,026	641	291,785	4 7 30
2,041.33	" " 22nd "	453,067	4,41,862	54,55,115	8,81,607	28,775	13,52,304	632	286,184	4 11 7
2,041.33	" " 29th "	435,430	4,40,780	60,89,666	8,88,003	27,926	13,50,708	605	280,063	4 13 0
	Totals up to date	1,976,500	18,40,831	2,44,14,256	36,63,637	1,18,363	56,31,831	666	1,203,103	4 11 1

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 28th July 1906 on 22.23 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	19,770	Rs. A. P. 4,384 0 0	Mds. s. 6,100 0	Rs. A. P. 247 0 0	Rs. A. P. 6 0 0	Rs. A. P. 4,051 0 0	963	223	1,189
Per mile of railway	78,866	19,422 0 0	42,874 0	1,380 0 0	24 0 0	20,828 0 0	3,889	675	3,564
For previous 3 weeks of half-year	97,030	23,810 0 0	48,974 0	1,627 0 0	30 0 0	25,467 0 0	3,852	900	4,752
Total for 4 weeks	97,030	23,810 0 0	48,974 0	1,627 0 0	30 0 0	25,467 0 0	3,852	900	4,752
COMPARISON.									
Total for corresponding week of previous year	15,030	3,679 2 10	4,231 30	170 3 0	14 4 0	3,863 9 10	1,130	254	1,384
Per mile of railway corresponding week of previous year	...	165 8 1	...	7 10 6	0 10 3	173 12 10	...	...	...
Total for corresponding 4 weeks of previous year	100,591	23,823 3 6	39,845 0	1,059 9 0	46 4 0	24,938 0 0	4,020	924	4,944

## TARKESSUR BRANCH RAILWAY—conold.

1906.

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
22'23	Week ended 7th July ...	35,387	8,987	16,569	574	8	9,569	436	1,188	7 15 8
22'23	" " 14th " ...	33,381	8,675	15,522	486	9	9,168	275	1,188	5 2 3
22'23	" " 21st " ...	20,118	6,663	12,706	380	7	7,049	236	1,888	4 6 8
22'23	" " 28th " ...	18,770	6,588	6,100	247	6	6,841	200	1,188	3 14 6
	Totals up to date ...	97,656	23,810	48,974	1,687	20	25,607	286	4,752	5 5 9

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—concluded.

1905.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
										Rs. A. P.
22'23	First 8 days of July ...	25,207	5,782	11,209	304	19	6,108	279	1,296	4 18 4
22'23	Week ended 15th July ...	33,950	7,542	9,886	783	9	8,134	368	1,233	6 7 11
22'23	" " 22nd " ...	26,398	6,619	8,291	312	4	6,735	308	1,010	6 10 8
22'23	" " 29th " ...	16,036	3,679	4,323	171	14	3,864	174	1,234	3 12 8
	Totals up to date ...	100,591	23,622	30,548	1,660	46	24,928	271	4,944	5 0 8

## DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 28th July 1906 on 162.36 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIL-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week (or per mile of railway ...)	26,643	Rs. 21,006 0 0	90,104 0	Rs. 12,713 0 0	Rs. 37 0 0	Rs. 24,855 0 0	9,124	4,225	13,349
For previous 3 weeks of half-year.	80,701	68,658 0 0	2,08,083 0	36,231 0 0	116 0 0	1,06,005 0 0	27,361	12,479	39,840
Total for 4 weeks	116,344	90,263 0 0	2,98,187 0	48,944 0 0	153 0 0	1,39,390 0 0	36,485	16,714	53,199
COMPARISON.									
Total for corresponding week of previous year	27,258	19,943 1 7	2,63,784 80	24,857 9 0	48 4 9	44,847 16 4	7,601	3,465	11,066
Per mile of railway corresponding week of previous year	...	122 13 3	...	153 1 7	0 4 9	276 3 7	...	...	...
Total for corresponding 4 weeks of previous year...	115,943	96,153 3 6	2,96,396 0	75,223 9 0	226 9 8	1,61,602 5 9	31,677	16,673	48,350

1906.

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
162'36	Week ended 7th July ...	32,096	24,445	1,02,045	11,981	42	26,418	234	12,988	3 12 5
162'36	" " 14th " ...	30,368	23,406	86,169	11,470	38	24,914	211	13,653	3 8 2
162'36	" " 21st " ...	24,217	21,407	79,980	12,530	24	24,273	211	13,299	3 9 8
162'36	" " 28th " ...	26,643	21,605	90,104	12,713	37	24,355	212	13,349	3 9 8
	Totals up to date ...	113,324	90,863	2,58,197	48,944	143	1,39,390	215	53,199	0 6 11

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—conold.

1905.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
										Rs. A. P.
162'36	First 8 days of July ...	32,258	24,093	1,04,435	20,023	63	44,178	273	14,024	3 5 7
162'36	Week ended 15th July ...	28,337	22,387	1,47,234	13,306	68	26,745	230	12,290	3 5 3
162'36	" " 22nd " ...	21,006	19,733	1,59,434	17,037	62	26,832	227	10,970	3 5 9
162'36	" " 29th " ...	27,253	19,943	1,62,788	24,858	46	44,346	276	11,076	4 0 9
	Totals up to date ...	115,943	96,154	2,96,396	75,223	226	1,61,602	240	48,350	3 5 6

## ASSAM-BENGAL RAILWAY.

*Approximate Return of traffic for the week ended 28th July 1906 on 768 miles open for all descriptions of traffic and on an additional 3 miles for goods traffic only.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Local traffic for the week ...	45,130	25,320 0 0	2,42,700 0	30,170 0 0	2,596 0 0	67,008 0 0	10,923	14,130	25,053
per mile of railway ...	58.75	32.84	314.80	50.80	4.67	88.31	14.27	18.33	32.60
for previous 3 weeks of half-year ...	139,234	79,740 0 0	5,19,273 0	1,30,673 0 0	12,063 0 0	2,19,296 0 0	32,768	54,379	87,147
Total for 3 weeks*	184,364	1,05,060 0 0	10,00,982 0	1,59,843 0 0	16,551 0 0	2,81,394 0 0	42,736	68,569	1,12,334
COMPARISON.									
Local for corresponding week of previous year ...	36,336	21,605 0 0	1,61,456 0	25,112 0 0	4,461 0 0	61,238 0 0	10,199	16,635	26,834
per mile of railway corresponding week of previous year ...	40.23	28.40	216.16	47.46	6.08	80.68	13.27	22.46	35.73
Local to corresponding date of previous year ...	161,025	94,593 0 0	631,698 0	1,31,032 0 0	17,769 0 0	2,43,304 0 0	42,394	68,687	1,09,081

\* Includes Noakhali Railway earnings Rs. 6,100 and train-mileage 3,416.

## FINANCIAL YEAR.

*Approximate Statement of Gross Receipts of the Assam-Bengal Railway.*

RECEIPTS FOR WEEK ENDING 28TH JULY 1906.			RECEIPTS FOR WEEK ENDING 29TH JULY 1905.			TOTAL RECEIPTS FROM 1ST APRIL 1906 TO 28TH JULY 1906.			TOTAL RECEIPTS FROM 1ST APRIL 1905 TO 29TH JULY 1905.			Total increase in 1906.	Total decrease in 1906.
Mean-mileage worked.	Receipts.	Per mile worked.	Mean-mileage worked.	Receipts.	Per mile worked.	Total receipts.	Per mile worked per week.	Mean-mileage worked.	Total receipts.	Per mile worked per week.			
	Rs.	Rs.		Rs.	Rs.	Rs.			Rs.			Rs.	
771	67,908	88.31	740	61,238	82.68	771	12,10,644	...	740	9,44,375	...	2,76,269	...

## BENGAL AND NORTH-WESTERN RAILWAY.

*Approximate Return of Traffic for the week ending 28th July 1906 on 1,551 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Local traffic for the week on 1,551 miles open ...	290,670	(a) 1,11,920	8,00,580	(b) 88,000	(c) 19,600	2,14,700	47,568	(d) 33,061	81,429
per mile of railway ...	187.41	72.16	521.97	55.57	12.70	138.48	...	...	...
for previous 3 weeks of half-year ...	893,170	2,41,000	20,76,900	2,23,230	51,700	6,22,130	143,123	97,591	2,40,713
Total for 4 weeks ...	1,183,840	4,53,920	30,00,580	2,11,910	71,300	8,36,830	190,691	131,452	3,22,143
COMPARISON.									
Local for corresponding week of previous year on 1,497 miles open ...	240,267	1,04,700	7,00,000	87,482	24,405	2,16,767	47,008	(e) 33,916	80,924
per mile of corresponding week of previous year ...	191.05	71.48	533.83	58.63	16.70	144.76	...	...	...
Local to corresponding date of previous year ...	1,120,773	4,20,229	21,38,419	2,03,553	77,065	8,79,846	194,174	151,576	3,45,750
Earnings per Coaching, Goods and Total train-mile respectively during the week ...	...	2.35	...	2.45	34	2.64	...	...	...
Ditto for the corresponding week of previous year ...	...	2.23	...	2.44	30	2.61	...	...	...

- (a) Increase mainly under local and foreign outward.  
 (b) Ditto in weight with decrease in amount due to short lead traffic under local.  
 (c) Decrease chiefly under Sundries.  
 (d) Includes 7,344 miles of ballast trains.  
 (e) Ditto 7,068 miles of ballast trains.



## EASTERN BENGAL STATE RAILWAY SYSTEM.

(INCLUDING DACCA SECTION.)

Approximate Return of Traffic and Mileage for the week ended 28th July 1906 on 1,271 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including steam-boat).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	308,200	1,42,350 0 0	29,62,750 0	2,77,790 0 0	40,700 0 0	4,67,430 0 0	59,106	46,668	1,05,774
Or per mile of railway ...	242	112 0 0	1,623 0	219 0 0	32 0 0	369 0 0	.....	.....	.....
For previous 3 weeks of half-year ...	1,100,720	4,43,050 0 0	30,10,700 0	4,09,110 0 0	33,180 0 0	8,84,340 0 0	180,208	180,900	361,108
Total for 4 weeks ...	1,417,920	5,85,900 0 0	50,73,430 0	6,86,900 0 0	70,970 0 0	13,52,770 0 0	239,314	177,628	416,942
COMPARISON.									
Total for corresponding week of previous year ...	266,916	1,22,441 0 0	18,64,307 0	2,35,003 0 0	52,224 0 0	4,09,668 0 0	53,677	39,090	92,767
Per mile of railway corresponding week of previous year (1,141 miles) ...	236	107 0 0	1,632 0	206 0 0	37 0 0	359 0 0	.....	.....	.....
Total to corresponding date of previous year ...	1,355,500	5,58,851 0 0	45,03,284 0	5,97,192 0 0	84,501 0 0	12,37,544 0 0	229,141	184,751	413,892

\* Excluding ferry earnings, Rs. 11,750.

Increase is due to the increase in open mileage.

## DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 28th July 1906 on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	32,910	9,420 0 0	45,610 0	3,070 0 0	110 0 0	12,600 0 0	3,976	1,784	5,760
Or per mile of railway ...	382	110 0 0	530 0	36 0 0	1 0 0	147 0 0	.....	.....	.....
For previous 3 weeks of half-year ...	111,780	28,890 0 0	81,470 0	7,080 0 0	1,610 0 0	37,580 0 0	13,091	3,103	16,194
Total for 4 weeks ...	144,690	38,310 0 0	127,080 0	10,150 0 0	1,720 0 0	50,180 0 0	17,067	4,887	21,954
COMPARISON.									
Total for corresponding week of previous year ...	27,632	7,773 0 0	31,294 0	2,461 0 0	450 0 0	10,673 0 0	3,346	1,590	4,936
Per mile of railway corresponding week of previous year ...	320	90 0 0	364 0	29 0 0	5 0 0	124 0 0	.....	.....	.....
Total to corresponding date of previous year ...	194,094	53,813 0 0	81,667 0	7,176 0 0	748 0 0	41,732 0 0	15,501	3,631	19,132

## COOCH BEHAR RAILWAY—NATIVE SECTION.

Approximate Return of Traffic and Mileage for the week ended 28th July 1906 on 33.6 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,660	1,800 0 0	137,530 0	2,780 0 0	10 0 0	4,590 0 0	480	(a) 640	1,120
Or per mile of railway ...	109	54 0 0	4,095 0	83 0 0	.....	137 0 0	.....	.....	.....
For previous 3 weeks of half-year ...	9,910	4,060 0 0	24,030 0	1,580 0 0	10 0 0	6,650 0 0	1,458	2,466	3,924
Total for 4 weeks ...	13,570	5,860 0 0	161,560 0	5,360 0 0	20 0 0	11,240 0 0	1,938	3,106	5,044
COMPARISON.									
Total for corresponding week of previous year ...	2,868	1,000 0 0	8,451 0	743 0 0	6 0 0	1,817 0 0	478	374	852
Per mile of railway corresponding week of previous year ...	85	32 0 0	252 0	23 0 0	.....	54 0 0	.....	.....	.....
Total to corresponding date of previous year ...	12,615	4,629 0 0	34,059 0	3,345 0 0	22 0 0	8,006 0 0	1,689	1,967	3,656

(a) Ballast train-miles, 200.

## MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 28th July 1906 on 50.69 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including terry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	9,050	3,990 0 0	20,140 0	1,320 0 0	30 0 0	4,330 0 0	1,198	230	1,428
Or per mile of railway ...	179	69 0 0	397 0	26 0 0	.....	85 0 0	.....	.....	.....
For previous 3 weeks of half-year ...	35,090	7,050 0 0	31,270 0	2,330 0 0	60 0 0	10,030 0 0	3,679	605	4,284
Total for 4 weeks ...	34,140	10,050 0 0	51,410 0	3,650 0 0	60 0 0	14,360 0 0	4,677	835	5,512
<b>COMPARISON.</b>									
Total for corresponding week of previous year ...	8,705	3,425 9 0	26,698 0	1,108 0 0	15 0 0	3,575 0 0	1,203	235	1,438
Or per mile of railway corresponding week of previous year ...	169	68 0 0	524 0	22 0 0	.....	70 0 0	.....	.....	.....
Total to corresponding date of previous year ...	35,090	10,006 0 0	57,673 0	2,678 0 0	66 0 0	12,728 0 0	5,106	810	5,916

## DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for the week ending 4th August 1906	Coaching	...	Rs. A. P.	...	Rs. A. P.
	Goods	...	5,378 0 0	...	13,913 0 0
	Other earnings	...	50 0 0	...	...
Audited earnings for the corresponding period of 1905	Coaching	...	6,523 0 0	...	16,032 0 0
	Goods	...	9,440 0 0	...	...
	Other earnings	...	69 0 0	...	...
Decrease			...	...	2,119 0 0
Receipts per mile for the week ending 4th August 1906	...	...	...	...	272 12 10
Ditto for the corresponding period of 1905	...	...	...	...	314 5 8
Decrease			...	...	41 8 10
Receipts from 1st July to 4th August 1906	...	...	...	...	76,589 0 0
Ditto for the corresponding period of 1905	...	...	...	...	84,979 0 0
Decrease			...	...	8,390 0 0



# SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, AUGUST 22, 1906.

## OFFICIAL PAPERS.

[Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of five rupees per annum if delivered in Calcutta, or seven rupees and eight annas if sent by post.]

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### REPORT ON THE COTTON CROPS OF BENGAL, AUGUST, 1906.

THE following is published for general information.

R. W. CARLYLE,

Chief Secy. to the Govt. of Bengal.

The 21st August 1906.

### DEPARTMENT OF AGRICULTURE BENGAL.

#### REPORT ON THE COTTON CROPS OF BENGAL, AUGUST 1906.

[On an average of the five years ending 1904-1905 the area under cotton crops in the territory to which this forecast relates has represented some 0.6 per cent. of the total area under Cotton Crops in India.]

**Explanatory.**—Of the four forecasts on cotton that are to be issued at intervals of every two months from 15th August under the orders of the Government of India, the first two, *e.g.*, the August and the October forecasts, as

explained last year, deal only with the estimates of area sown and the general condition of the crop, while the two remaining ones, *e.g.*, the December and the February forecasts, deal with the revised estimates of area sown, together with an estimate of the probable outturn.

The August forecast should deal with the early cotton crop, but in some districts of the Province, notably in the Patna Division, the late crop is also partly sown before August. This forecast, therefore, while dealing mainly with the early crop, also shows the extent of sowings of the late crop in that Division.

2. *Character of the Season.*—The weather has so far been favourable almost everywhere and the crop is promising well. Sowings generally took place in the normal season, *i.e.*, in June and early in July. In Sambalpur, where only early cotton is grown, some damage is reported to have been done by caterpillars.

It may be noted here that the cotton crop suffers in this Province more from excessive rain than from want of rain. In the present season the dryness of the weather has therefore been favourable to the crop.

3. *Area sown.*—The appended table summaries the district reports and gives the five and ten years' averages of early cotton in the Province as 62,130 acres and 77,825 acres, respectively. The area sown this year is 37,362 acres against 35,385 acres of last year (1905).

As for the late crop the five and ten years' averages are 42,022 acres and 60,001 acres, respectively. The area sown up to now is 23,774 acres against 36,356 acres returned as the total sowings of last year.

C. A. OLDHAM,

*Director of Agriculture, Bengal.*

CALCUTTA;

*The 6th August 1906.*



Forecast of the Cotton Crops of Bengal, August 1906.

1	2	3	4	5	6	7	8	9	10	11	
District.	Nature of the crop, early or late.	Area in acres sown in the current year (1906-1907).	Area in acres of previous year (1905-1906).	AVERAGE AREA UNDER COTTON OF PRECEDING.		FIGURES FROM CADASTRAL SURVEY.			Date at which the sowing of the crop was begun this year.	Remarks showing general condition and prospects of sowings.	Remarks by the Department of Agriculture, Bengal.
				Five years.	Ten years.	Total area of the district which has been cadastrally surveyed.	Years during which cadastral survey took place.	Area found under cotton during the cadastral survey.			
Bachura	Early cotton	365	.....	.....	.....	.....	.....	15th May 1906.	General condition of the crop is good. As early cotton was not cultivated during last year column 4 is left blank. Late cotton is sown in this district in October.		
	Late cotton	.....	1,700	1,700	1,700	15,216	1893-93 to 1894-1900.	.....			
	Early cotton	1,700	1,700	1,680	1,580	35,348	1893 to 1898	.....			
	Late cotton	500	1,700	2,120	2,000	.....	.....	369			15th July to 30th July.
Pabna	Early cotton	700	.....	.....	.....	.....	.....	Towards the end of June.	In some places the date of sowing was early. There was want of rain for some time. General condition of the crop is fair. The area under late cotton is very low this year in consequence of Contai showing only 27 acres this year against 1,100 acres of last year. The Subdivisional Officer has been called upon to explain this great difference.		
	Late cotton	.....	1,500	1,100	1,530	73,164	1890 to 1901	.....			The figures of late cotton are provisional as sowing in some places has not yet been begun. It has germinated well where sown and the weather so far has been favourable. The sowing was taken up at the normal period.

1	2	3	4	5		6	7	8	9	10	11
DISTRICT.	Nature of the crop, early or late.	Area sown in (1904-1907).	Area of previous year (1905-1906).	AVERAGE AREA UNDER COTTON OF PRECEDING.		FIGURES FROM CADASTRAL SURVEY.			Date at which the sowing of the crop was begun this year.	Remarks showing general condition and prospects of sowings.	Remarks by the Department of Agriculture, Bengal.
				Five years.	Ten years.	Total area of the district which has been cadastrally surveyed.	Years during which cadastral survey took place.	Area found under cotton during the cadastral survey.			
Shahabad	Early cotton	62	39	.....	.....	.....	.....	.....	July 1906.	The general condition of the crop is favourable. Time of sowing was normal. Sowings of late cotton not yet finished.	
	Late cotton	800	1,100	.....	.....	.....	.....	.....	.....		
Baran	Early cotton	500	535	.....	.....	1,632,426	1893 to 1901	14,839	30th February 10th June	The prospects of the crops are so far good. The date of sowing of late cotton in Siran and Sadar Subdivisions was rather late owing to late rains, but in Gopalganj Sub-division it was normal.	
	Late cotton	12,900	12,875	14,440	25,220	.....	.....	.....	.....		
Champaran	Early cotton	.....	.....	.....	.....	.....	.....	.....	.....	The condition of the crop is very satisfactory. The date of sowing was normal.	
	Late cotton	1,067	933	2,040	2,120	2,359,840	1893 to 1899	2,004	April 1906		
Munshigapore	Early cotton	.....	.....	.....	.....	.....	.....	.....	.....		
	Late cotton	2,800	4,051	6,107	5,763	1,945,400	1891 to 1893 and 1899 to 1900.	6,100	.....		

Locality	Year	Area	Production	Value	Price	Remarks
Darbhanga	Early cotton	163	3,077	3,212	1,850	2,120,000
	Late cotton	...	...	...	...	...
Monghyr	Early cotton	160	300	300	300	...
	Late cotton	...	...	...	...	...
Bhagalpur	Early cotton	300	300	4,740	7,300	1,057,945
	Late cotton	...	...	...	1,907	...
Sonthal Parganas	Early cotton	10,780	11,000	10,100	11,600	2,572,000
	Late cotton	...	...	...	...	...
Cuttauck	Early cotton	100	700	2,940	2,720	2,008,657
	Late cotton	...	...	...	4,030	...
Belasore	Early cotton	60	63	260	635	1,008,778
	Late cotton	...	...	...	153	...

1	2	3	4	5	6	7	8	9	10	11	
DISTRICT.	Nature of the crop early or late.	Area sown in year (1904-1907).	Area of previous year (1904-1906).	AVERAGE AREA UNDER COTTON OF PRECEDING		FIGURES FROM CADASTRAL SURVEY.			Date at which the sowing of the crop was begun this year.	Remarks showing general condition and prospects of sowings.	Remarks by the Department of Agriculture, Bengal.
				Five years.	Ten years.	Total area of this district which has been cadastral surveyed.	Years during which cadastral survey took place.	Area found under cotton during the cadastral survey.			
Angul	Early cotton	2,000	2,000	2,000	2,075	565,940	1859 to 1860	Although Sadar Sub-division was not a cadastral survey, separate figures were not ascertained under each crop.	1st June to 15th June 1906.	Weather favourable. The date of sowing this year is normal. The crop is growing well.	
	Late cotton	.....	.....	1,390	1,440						
Puri	Early cotton	100	222	1,500	2,170	1,500,300	1858 to 1859		March.	The weather was seasonable. The crop is thriving well. The date of sowing was normal this year. Sowings of late cotton not yet begun.	
	Late cotton	.....	400	1,120	1,760						
Sambalpur	Early cotton	9,700	7,431	9,464	7,976	2,453,390	1854 to 1867 and 1891 to 1897.		26th June 1906.	The increase in area is mostly in Borsambar Zamindari and is attributed to favourable season at sowing time which was normal this year. The crop is reported to be doing well every where except in Kamhari Circle where caterpillars are reported to have done a little damage to it. Last year's cotton area in column 4 was estimated only. Actuals given in this forecast after a careful check. In late cotton is not grown this district.	
	Late cotton	.....	.....	.....	.....						



[illegible]

## WEATHER AND CROP REPORT.

For the week ending the 20th August 1906.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
1	BURDWAN ...	Inches. 4.57	8½	8	Rainfall general except in Kalna and Raniganj. Standing crops doing well. Transplantation of <i>aman</i> paddy continues. Fodder and water sufficient. No cattle-disease.
2	BIRBHUM ...	6.38	9	9	Weather seasonable. Transplantation of paddy continues. No cattle-disease. Fodder and water sufficient.
3	BANKURA ...	5.06	8½	9½	Weather seasonable. Transplantation of paddy going on briskly. Sugarcane doing well. No cattle-disease. Fodder and water sufficient.
4	MIDNAPUR ...	2.71	10	10	Weather seasonable. More rain wanted at Contai and Tamluk. Transplantation of <i>aman</i> paddy still going on. Prospects of <i>bhadai</i> rice not good. Fodder and water sufficient. Cattle-disease reported from Mahisadal thana in Tamluk. Insect-pest also reported from Tamluk.
5	HOOCHLY ...	1.56	7½	8	Rainfall general in the district. Weather seasonable. More rain wanted. Prospects of jute, sugarcane fair. Transplantation of <i>aman</i> paddy continues. Fodder and water sufficient. No cattle-disease.
6	HOWRAH ...	3.06	8	8	Weather hot and cloudy. About 90 per cent. of the normal area has been transplanted. Insects are reported to be doing injury to the crops at Uluberia, but the outbreak is not serious. It is said that insects will disappear if a heavy shower of rain falls. Other standing crops doing well. Fodder and water sufficient. No cattle-disease reported.
7	24-PARGANAS	2.09	8	8	Rainfall general. Weather seasonable. More rain wanted at Basirhat and Barrackpore. Transplantation of <i>aman</i> paddy going on briskly. Harvesting of jute begun in places. State of standing crops good. Prospects fair. Floods have subsided in Diamond Harbour. Insect-pests are disappearing. Slight damage reported from Barrackpore subdivision. Condition of cattle good. Cattle-disease reported from thanas Dum-Dum and Harwa. Fodder and water sufficient.
8	NADIA ...	1.94	9	9	Rainfall general. Prospects of standing crops good. Some damage to jute has been done by insects. Transplantation of <i>aman</i> continues. Harvesting of <i>aus</i> commenced. Fodder and water sufficient. No cattle-disease.
9	MURSHIDABAD	3.97	8	8	Rainfall general. Weather seasonable. Transplantation of paddy going on. Prospects of sugarcane and jute good. <i>Bhadai</i> paddy submerged to a certain extent in Bhagwangola thana, due to rise of the river. No cattle-disease. Fodder and water sufficient.
10	JESSORE ...	5.47	7½	7½	Weather seasonable. Fall general. Flood and continued rain have damaged <i>bhadai</i> crops to a certain extent in Magura and Sripur thanas. Condition of jute good. Harvesting of <i>aus</i> and jute and transplantation of <i>aman</i> continue. Excessive rain has damaged <i>aus</i> in Narail. Fodder and water sufficient. No cattle-disease.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
11	KHULNA ...	Inches. ... }	6½ <sup>+</sup> 8†	7 <sup>+</sup> 8 to 8½†	Rainfall general. Weather seasonable. More rain wanted. Transplantation of winter rice and sowing of <i>til</i> estimated to be 86 and 10 per cent. respectively. As regards jute—rainfall and weather seasonable. Conditions fair. Sowings finished. No cattle-disease. Fodder and water sufficient.
12	PATNA ...	0.57	9	9½	Weather hot and cloudy. Transplantation of paddy crop continues; more rain wanted for the purpose in the Bihar subdivision. About 90 per cent. of the area under paddy sown so far. Sugarcane and <i>bhadoi</i> crops doing well. The latter, however, damaged in places by floods in the Barh subdivision.
13	GAYA ...	1.53	9+	9½	Rainfall general, but scanty in the western part of the district. Weather hot with a few showers. Sugarcane and <i>bhadoi</i> crops promise well. Transplantation of paddy going on. Fodder and water for cattle sufficient. Cattle-pox reported from one village in Nawada. Prices rising at Sadar and Nawada subdivisions, stationary elsewhere.
14	SHAHABAD ...	4.30	11	10½	Rainfall general. Transplantation of paddy nearly finished. Sugarcane doing well. <i>Bhadoi</i> crops somewhat damaged in Buxar subdivision by excessive rain; those in north of the Arrah thana damaged considerably by flood. Some damage also reported from Shahapur. Cattle-disease in Khor-gahar. Fodder sufficient except in Arrah thana.
15	SARAN ...	0.20	9½	10	Weather cloudy and hot. 85 per cent. of paddy transplantation finished. <i>Makai</i> and <i>aghani</i> in low-lying lands damaged by excessive and continuous rain. Sugarcane doing well. Indigo being manufactured. No cattle-disease. Fodder and water sufficient. Maize sells at 13 seers a rupee at Sadar.
16	CHAMPARAN ...	12.09	7½	9½	Incessant and heavy rains have reduced the prospects of <i>bhadoi</i> in Bettiah subdivision, and heavy rains and flood have severely damaged both <i>bhadoi</i> and winter rice crops in Sadar subdivision. Agricultural operations at a standstill. Fodder insufficient. No cattle-disease. Prices have risen. Maize sells at 11 seers a rupee.
17	MUZAFFARPUR	7.68	7	8	Fall general. Weather cloudy and rainy. Sadar and Sitamarhi subdivision have suffered severely from very heavy floods. Extent of damage not yet ascertained. Prospects gloomy. Hajipur has suffered only slightly from floods and should have bumper rice and <i>makai</i> crops. Fodder and water sufficient. Cattle-disease reported in a few villages in Sitamarhi subdivision.
18	DARBHANGA ...	7.18	7½	8½	Very heavy rain at Madhubani. Weather cloudy with frequent rains. Heavy floods throughout the district. Town Laheria Serai and Madhubani under water but water, in Madhubani subsided after second day. Railway line and roads badly breached. Crops mostly under water. <i>Bhadoi</i> damaged 75 per cent. throughout the district, but <i>aghani dhan</i> will be retransplanted when flood recedes. Fodder insufficient owing to the floods.

\* Local rice.

† Rangoon rice.

No.	Name of dist. &c.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
19	MONGHYR ...	1.08	8½	8½	Rainfall general. Weather seasonable. Paddy transplantation continues. Prospects of standing crops good. Floods continue in northern part of Sadar and Begusarai subdivisions, where crops have been damaged. No cattle-disease. Fodder and water sufficient.
20	BHAGALPUR ...	0.44	8½	9½	Rainfall general. Weather rainy. Heavy fall in North Bhagalpur. Much damage to <i>aghani</i> crops and to <i>marua</i> in Supaul and some damage to <i>aghani</i> paddy on low lands in Madhipura. Cattle-disease reported from four thanas. Fodder and water sufficient. Prices rising owing to depletion of stock caused by large exports.
21	PURNA ...	3.05	7	8	Heavy rain has done some damage to jute and paddy in some parts of Kishanganj. Transplantation of <i>aghani</i> paddy and cuttings of jute continue. Flood has done some damage to standing crops. No cattle-disease. Prospects of <i>aghani</i> paddy and jute fair. Fodder and water sufficient.
22	DARJEELING ...	14.07	7	6½	Weather seasonable. Hills—Maize and potato being harvested. Winter rice, <i>marua</i> and <i>bhadoi dhan</i> in fair state. Terai—Prospects of jute, sugarcane and <i>bhadoi</i> crops fair.
23	SONTHAL PAR- GANAS.	1.76	9½	9½	Fall general and sufficient. Weather generally seasonable. Transplantation of paddy still going on and sowing of <i>til</i> in progress. Sugarcane, maize, other <i>bhadoi</i> crops and indigo doing well. No cattle-disease. Fodder and water sufficient. Common rice sells at 5½ seers a rupee at Rajmal.
24	CUTTACK ...	.....	11½	11½	Slight rain fall. More rain urgently wanted. <i>Biali</i> ripening. <i>Saradh</i> , jute, <i>arabar</i> , early cotton and sugarcane growing. No cattle-disease. Fodder and water sufficient.
25	BALASORE ...	2.55	9½	9½	Weather hot. Rain badly wanted. Weeding, puddling and transplanting of <i>saradh</i> retarded in places for want of rain. <i>Ashu</i> in ear. Sugarcane and jute thriving. Insects damaging <i>saradh</i> slightly. Fodder and water sufficient.
26	ANGUL ...	2.33	10	10	Weather seasonable. More rain wanted for puddling and transplantation of winter rice on uplands. <i>Bhadoi</i> crops doing well.
27	PURI ...	0.12	10½	10½	More rain badly wanted. Weather hot. Sugarcane coming up well. Puddling and transplantation of <i>saradh</i> estimated at 95 per cent. of usual area and weeding at 60 per cent. <i>Biali</i> and <i>mandua</i> in ear in some places and ripening at others. Miscellaneous crops doing well. No cattle-disease. Fodder and water sufficient.
28	SAMBALPUR ...	2.86	10	11	Rainfall general. More rain is needed. Sowing of <i>til</i> , <i>urid</i> and <i>kulthi</i> in progress. Reploughing and transplantation in progress. The standing crops in good condition. Cattle-disease is prevalent to a small extent.



No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
29	HAZARIBAGH	0.38	10½	10½	Weather cloudy. Prospects of standing crops good. Transplantation of paddy continues. More rain wanted. Cattle-disease reported from one thana. Fodder and water sufficient.
30	RANCHI ...	4.84	10½	10½	Weather seasonable. Prospects of standing crops good. Transplantation of paddy continues. Harvesting of <i>gondli</i> in progress. Cattle-disease reported from three thanas. Fodder and water sufficient.
31	PALAMAU ...	1.10	11½	10	Weather seasonable. Standing crops generally doing well. <i>Makai</i> in cob. No cattle-disease. Fodder and water sufficient.
32	MANBHUM ...	3.50	8½	9½	Weather seasonable. Prospects of crops good. Transplantation of winter rice in full swing. Fodder and water sufficient. Cattle-disease not reported.
33	SINGHBHUM ...	0.46	8½	10	Transplantation of paddy in progress. More rain wanted. Cattle-disease reported from thana Chakradharpur. Fodder and water sufficient.
34	COOCH BEHAR	10.28	7½	8	Rainfall general. Weather rainy. Incessant rain has caused some damage to the standing crops. Transplantation of <i>haimanti</i> , harvesting of <i>bhadoi</i> and cutting, steeping and washing of jute continue. Fodder and water sufficient. Cattle-disease reported from thanas Dinhata and Mathabhanga.

GENERAL SUMMARY.—Rain was again very heavy this week in Champaran, Muzaffarpur, Darbhanga, Arjeeling, and Cooch Bihar; it was moderate to heavy in Birbhum, Bankura and Jessore; in the rest of the Province the fall was generally light. Considerable damage to the young *aman* paddy and the *bhadoi* crops by excessive rain and floods is reported from Shahabad, Champaran, Muzaffarpur and Darbhanga. In the last-named district extensive floods are reported, and serious injury to the *bhadoi* crops has been done. Light damage is also reported from Jessore, Saran, Monghyr, Bhagalpur, Purnea and Cooch Bihar. While more rain is wanted for *aman* paddy in the Orissa Division and also in some of the districts of the Bardwan Division. Insect-pests are reported from Howrah, Nadia, and Balasore. Prospects of *aman* paddy are otherwise good. Cattle-disease exists in ten districts. Fodder is reported to be insufficient in Darbhanga and Champaran owing to floods. The price of common rice has risen in sixteen and fallen in four districts. It continues to be high in most districts.

C. A. OLDHAM,

Director of Agriculture, Bengal.

DEPT. OF AGRICULTURE, BENGAL,

The 21st August 1906.

## PRICES-CURRENT (retail) of Food-grains and Salt in the Head-quarters

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN											
		WHEAT.			BARLEY.			RICE, COMMON.			JOWAR OR OHOLUM (Sorghum Vulgare).		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	BENGAL.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
BURDWAN DIVISION.	1 Burdwan	...	...	...	...	...	...	8 8	9 0	12 0	...	...	...
	2 Birbhum	...	9 0	9 12	13 8	...	...	9 0	9 0	13 8	...	...	...
	3 Bankura	...	12 0	12 0	12 8	...	...	9 6	9 14	13 0	...	...	...
	4 Midnapore	...	10 0	10 0	9 0	...	...	9 0	10 0	13 0	...	...	...
	5 Hooghly	...	8 8	8 8	8 8	...	...	8 4	8 4	10 10	...	...	...
	6 Howrah	...	...	...	12 0	...	...	8 0	8 0	13 0	...	...	...
PRESIDENCY DIVISION.	7 24-Parganas	...	8 9	9 0	10 0	...	...	8 0	8 0	11 9	...	...	...
	8 Calcutta	...	11 0	11 0	10 10	14 0	14 0	12 4	7 10	8 0	8 10	...	...
	9 Nadia	...	13 5	13 5	12 13	17 12	17 12	22 0	7 13	9 6	11 10	...	...
	10 Murshidabad	...	12 0	12 0	14 2	16 0	16 0	23 8	8 0	8 0	12 8	...	...
	11 Jessore	...	8 6	8 0	10 0	8 0	8 0	11 0	8 0	9 2	12 12	...	...
	12 Khulna	...	...	...	...	...	...	6 12	7 8 8 0	13 0	...	...	...
PATNA DIVISION.	BIHAR.												
	13 Patna	...	12 8	12 0	14 0	18 0	18 0	22 0	9 8	9 8	13 8	...	...
	14 Gaya	...	11 8	12 5	14 0	14 14	18 7	18 7	9 8	10 4	12 4	12 9	11 4
	15 Sahabad	...	11 0	12 0	14 0	14 0	16 0	18 0	10 8	11 0	14 0	...	...
	16 Saran	...	12 0	12 0	14 0	14 0	14 0	20 0	10 0	10 0	13 8	...	...
	17 Champaran	...	11 4	12 0	16 0	18 8	15 8	23 8	8 8	9 8	13 8	...	...
	18 Mungerpur	...	11 0	10 0	14 0	13 0	15 0	21 0	8 0	9 0	12 0	...	...
	19 Darbhanga	...	11 0	12 1	14 4	12 1	15 6	22 8	8 3	9 4	13 3	...	...

- A. In the subdivisions the retail prices of salt per rupee are—Kaina 18 seers 13 chitaks; Katwa 16½ seers; Raniganj 16 seers.  
 B. At Rampur Hat the retail price of salt is 15½ seers per rupee.  
 C. At Vishnupur the retail price of salt is 18 seers per rupee.  
 D. In the subdivisions the retail prices of salt (punga) per rupee are—Contai 16 seers; Tamruk 16 seers; Ghatal 17½ seers.  
 E. In the subdivisions the retail prices of salt per rupee are—Serampore 16 seers (Liverpool); Arambagh 16 seers.  
 F. Ulubaria return not received.  
 G. In the marts in the interior of the district the retail prices of salt per rupee are—Chetia 17 seers; Barasat 14 seers; Haduria 16 seers (crushed); Mograhat 17½ seers; Barrackpore return not received.  
 H. In the subdivisions the retail prices of salt per rupee are—Kushia 16 seers (punga); Chuadanga 13 seers (karkatch); Moherpur 16 seers (karkatch); Ranaghat 12 seers (crushed).

BEERS OF 60 TOLANS.

RAJRA OR COMBU ( <i>Pennisetum typho- ides</i> ).			MARUA OR RAOI ( <i>Eleusine Coracana</i> ).		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.
1. Ch.	2. Ch.	3. Ch.	4. Ch.	5. Ch.	6. Ch.
100	100	100	100	100	100
101	100	100	101	100	100
101	101	100	101	100	100
102	101	100	102	101	100
102	101	100	102	101	100
103	101	100	103	101	100
103	101	100	103	101	100
104	101	100	104	101	100
104	101	100	104	101	100
105	101	100	105	101	100
105	101	100	105	101	100
106	101	100	106	101	100
106	101	100	106	101	100
107	101	100	107	101	100
107	101	100	107	101	100
108	101	100	108	101	100
108	101	100	108	101	100
109	101	100	109	101	100
109	101	100	109	101	100
110	101	100	110	101	100
110	101	100	110	101	100
111	101	100	111	101	100
111	101	100	111	101	100
112	101	100	112	101	100
112	101	100	112	101	100
113	101	100	113	101	100
113	101	100	113	101	100
114	101	100	114	101	100
114	101	100	114	101	100
115	101	100	115	101	100
115	101	100	115	101	100
116	101	100	116	101	100
116	101	100	116	101	100
117	101	100	117	101	100
117	101	100	117	101	100
118	101	100	118	101	100
118	101	100	118	101	100
119	101	100	119	101	100
119	101	100	119	101	100
120	101	100	120	101	100
120	101	100	120	101	100
121	101	100	121	101	100
121	101	100	121	101	100
122	101	100	122	101	100
122	101	100	122	101	100
123	101	100	123	101	100
123	101	100	123	101	100
124	101	100	124	101	100
124	101	100	124	101	100
125	101	100	125	101	100
125	101	100	125	101	100
126	101	100	126	101	100
126	101	100	126	101	100
127	101	100	127	101	100
127	101	100	127	101	100
128	101	100	128	101	100
128	101	100	128	101	100
129	101	100	129	101	100
129	101	100	129	101	100
130	101	100	130	101	100
130	101	100	130	101	100
131	101	100	131	101	100
131	101	100	131	101	100
132	101	100	132	101	100
132	101	100	132	101	100
133	101	100	133	101	100
133	101	100	133	101	100
134	101	100	134	101	100
134	101	100	134	101	100
135	101	100	135	101	100
135	101	100	135	101	100
136	101	100	136	101	100
136	101	100	136	101	1

KARONI OR KARUN, ITALIAN MILLET ( <i>Salaris italica</i> ).			GRAM, GRANA ORHOLA, KADALA OR SUNAGA ( <i>Cicer arvensis</i> ).		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	12 0	11 8	16 0
...	...	...	10 8	10 8	15 0
...	...	...	12 0	12 0	14 0
...	...	...	10 8	10 8	11 0
...	...	...	12 8	12 8	13 0
...	...	...	10 0	10 0	12 0
...	...	...	12 0	12 0	13 0
...	...	...	10 12	10 0	14 0
10 0	10 0	7 0	11 8	12 0	12 0
...	...	...	11 14	12 5	18 0
...	...	...	12 0	12 0	19 0
...	...	...	10 0	11 4	16 0
...	...	...	10 0	9 8	15 0
...	...	...	14 0	14 0	17 0
11 4	10 4	12 4	13 9	13 13	17 0
...	...	...	14 0	15 0	16 0
10 0	9 0	...	14 0	14 0	16 0
...	...	...	18 8	14 8	18 0
...	...	...	12 0	12 0	16 0
...	...	...	11 0	13 8	15 0

Station Basars of the Districts of Bengal on the 15th August 1906.

WHOLESALE PRICES PER MAUND OF 40 SEERS.												DISTRICTS.	Number.		
INDIAN-CORN OR MAIZE (Zea mays).			ARHAR (dal) OR TURR, CADJAN PEA (Cajanus indicus).			SALT.			SALT.						
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.				
9. Ob.	8. Ch.	8. Ch.	8. Ch.	8. Ch.	8. Ch.	8. Ch.	8. Ch.	8. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	BENGAL.			
...	...	...	8 4	8 4	10 12	16 0	17 0	16 8	2 4 0	2 5 0	2 5 6	Burdwan.	1		
...	...	...	6 0	6 12	9 0	15 0	15 0	16 0	2 8 0	2 7 0	2 7 0	Birbhum.	2		
...	...	...	9 8	9 0	10 0	16 0	16 0	16 0	2 6 6	2 8 0	2 8 0	Bankura.	3		
}	...	...	8 0	8 0	8 0	D	Liverpool.	18 12	18 12	14 0	2 5 0	2 5 0	2 6 0		
						E	Pisha.	14 0	14 0	16 0	2 4 0	2 4 0	2 3 0		
...	...	...	8 0	8 0	10 0	17 0	17 0	16 0	2 3 0	2 3 0	2 6 0	Hooghly.	5		
...	...	...	8 0	8 0	10 0	F		16 0	16 0	16 0	2 4 0	2 4 0	2 4 0	Howrah.	6
...	...	...	8 0	9 0	11 9	G		17 0	16 0	16 0	2 4 0	2 2 0	2 5 0	24-Parganas.	7
...	...	12 0	8 0	8 8	8 0	16 0	16 0	18 0	2 2 0	2 2 0	2 8 0	Calcutta.	8		
...	...	...	7 4	8 0	9 2	H		17 12	17 12	16 0	2 4 0	2 4 0	2 4 0	Nadia.	9
...	...	...	7 0	8 0	10 0	I		16 0	16 0	15 0	2 8 0	2 8 0	2 8 0	Murshidabad.	10
...	...	...	10 12	12 12	16 0	J		16 0	16 0	16 0	2 8 0	2 8 0	2 8 0	Jessore.	11
...	...	...	10 0	7 8	10 0	K		13 5	13 8	13 8	2 12 0	2 12 0	3 0 0	Khulna.	12
14 0	19 0	19 0	8 0	8 8	11 8	L		14 0	13 4	16 0	3 0 0	3 0 0	2 8 0	Patna.	13
...	...	18 7	7 7	7 8	10 4	M		15 10	15 14	16 2	2 10 0	2 10 0	2 8 0	Gaya.	14
...	...	...	8 0	9 0	10 0	N		15 0	16 0	16 0	2 10 8	2 8 0	2 8 0	Shahabad.	15
18 8	14 0	18 0	9 0	9 8	11 0	O		16 0	16 0	16 8	2 8 0	2 8 0	2 7 0	Saran.	16
11 0	12 0	20 8	8 0	8 9	12 0	P		15 0	15 0	15 0	2 10 2	2 10 0	2 9 0	Champan.	17
13 0	13 0	17 0	7 0	7 0	11 0	Q		13 0	14 8	14 0	2 13 9	2 10 6	2 12 0	Muzaffarpur.	18
11 0	11 0	19 12	6 9	7 11	18 11	R		15 6	15 6	15 6	2 9 8	2 9 8	2 8 0	Darbhanga.	19

- I. In the subdivisions the retail prices of salt per rupee are—Panchraha 14 seers; Raghunathganj 17 seers; Kand 15 seers.
- J. In the subdivisions the retail prices of salt per rupee are—Jhenida 13 seers 8 chitaks (karkatch); Magura 12 seers (karkatch); Bangaon 16 seers (panga) and Narail 14 seers 3 chitaks.
- K. In the subdivisions the retail prices of salt per rupee are—Bagerhat 12 seers (karkatch); Satkhira 16 seers.
- L. In the subdivisions the retail prices of salt per rupee are—Barh 16 seers (panga); Bihar 14 seers.
- M. In the subdivisions the retail prices of salt per rupee are—Jahanabad return not received; Nawada 16 and Aurangabad 15 seers 8 chitaks.
- N. In the subdivisions the retail prices of salt per rupee are—Buxar 16 seers; Bhabua 14 seers and Sasaram 16 seers.
- O. In the subdivisions the retail prices of salt per rupee are—Siwan 16 seers, Gopalganj 15 seers 4½ chitaks (panga).
- P. At Hattilah the retail price of salt is 14 seers 8 chitaks per rupee.
- Q. In the subdivisions the prices of salt per rupee are—Sitamarhi return not received; Hajipur 13 seers.
- R. In the subdivisions the retail prices of salt per rupee are—Samastipur 14 seers; Madhubani 14 seers 16 chitaks.



## PRICES-CURRENT (retail) of Food-grains and Salt in the Head-quarters

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN											
		WHEAT.			BARLEY.			RICE, COMMON.			JOWAR OR CHOLU (Sorghum Vulgare).		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
<b>BIHAR—continued.</b>													
BAGALPUR DIVISION.	20 Monghyr ...	11 8	11 10	15 11	14 10	14 10	27 8	8 2	8 12	11 8	...	...	...
	21 Bhagalpur ...	11 6	11 6	14 7	15 0	15 0	24 0	9 8	9 8	13 4	...	...	...
	22 Purnea ...	11 0	11 0	16 0	...	...	...	7 8 to 8 0	8 0	11 0	...	...	...
	23 Darjeeling ...	...	...	...	...	...	...	7 8	7 8	11 0	...	...	...
	24 Southal Parganas ...	11 0	10 0	10 0	13 4	14 0	17 0	9 8	9 0	14 0	...	...	...
<b>ORISSA.</b>													
ORISSA DIVISION.	25 Cuttack ...	11 13	11 13	13 2	...	...	...	11 2	11 2	14 7	...	...	...
	26 Balasore ...	11 0	11 0	13 0	...	...	...	9 8	11 0	15 0	...	...	...
	27 Angul ...	8 0	8 0	8 0	...	...	...	10 0	10 0	15 0	...	...	...
	28 Puri ...	10 8	11 2	11 13	...	...	...	9 8	10 8	12 12	...	...	...
	29 Sambalpur ...	12 8	12 8	12 0	...	...	...	10 0	11 8	16 0	...	...	...
<b>CHOTA NAGPUR.</b>													
CHOTA NAGPUR DIVISION.	30 Hazaribagh ...	10 0	10 0	11 0	14 0	15 0	15 0	10 8	10 8	11 4	...	...	...
	31 Ranohi ...	8 8 to 9 0	8 0 to 9 0	7 0 to 10 8	14 0	14 0	15 0	10 0	10 8 to 11 0	11 0	...	...	...
	32 Palamau ...	12 15	12 6	13 8	16 14	18 0	19 2	11 4	11 4	11 4	...	...	...
	33 Manbhum ...	10 0	11 0	12 0	11 0	11 8	13 0	9 0	10 0	11 10	...	...	...
	34 Singhbhum ...	12 0	11 8	14 0	...	...	...	10 0	11 0	14 0	...	...	...

- S. In the subdivisions the retail prices of salt (panga) per rupee are—Jamui return not received; Begusarai 15 seers.  
T. In the subdivisions the retail prices of salt per rupee are—Banks 13½ seers (panga); Madhipura return not received; and Supaul 14 seers (panga).  
U. In the subdivisions the retail prices of salt per rupee are—Kishanganj 13 seers; Basantpur 13 seers.  
V. In the subdivisions the retail prices of salt per rupee are—Kureong 11 seers; Siliguri 11 seers.  
W. In the subdivisions the retail prices of salt per rupee are—Godda 10 seers; Jamtara 13 seers; Pakour 16 seers; Deoghur and Rajmahal return not received.

CALCUTTA,  
The 20th August 1906.

BEERS OF 80 TOLAND.

BAJRA OR CUMBU ( <i>Pennisetum typhoid- eum</i> ).			MARUA OR RAGI ( <i>Hemina Corocana</i> ).		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	8 0	9 8	18 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	19 0	18 0	19 0
...	...	...	24 0	22 0	23 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...

KANONI OR KAKUN, ITALIAN MILLET ( <i>Setaria italica</i> ).			GRAM, CHAMA, CHHOLA, KADALAY OR SUNAGA ( <i>Cicer arastinum</i> ).		
Present return.	Next preceding turn.	Corresponding turn of last year.	Present return.	Next preceding turn.	Corresponding turn of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	18 10	13 14	19 14
...	...	...	12 12	12 12	18 4
...	...	...	11 0	11 0	16 0
...	...	...	10 4	9 8	11 0
...	...	...	12 0	11 0	14 0
			Biri or knai.		
...	...	...	12 13	13 2	17 1
			Chhola.		
...	...	...	11 0	11 0	14 0
			Biri.		
...	...	...	12 0	12 0	17 0
			Biri.		
...	...	...	12 0	12 0	14 0
			Biri.		
...	...	...	11 13	12 7	15 12
...	...	...	10 0	10 0	14 0
...	...	...	12 0	12 0	11 0
...	...	...	10 8	10 8	12 0 12 8
...	...	...	14 1	14 1	16 14
...	...	...	11 8	11 8	14 4
...	...	...	12 0	12 0	11 0

Station Basars of the districts of Bengal on the 15th August 1906—concl'd.

												WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.	Number.			
INDIAN-CORN OR MAIZE (Zea mays).						ARHAR (dal) OR THUR, CADJAN PEA (cujanus indicus).						SALT.					SALT.		
Present return.	Next preceding return.	Corresponding return of last year.		Present return.	Next preceding return.	Corresponding return of last year.		Present return.	Next preceding return.	Corresponding return of last year.		Present return.	Next preceding return.	Corresponding return of last year.					
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Ra. A. P.	Ra. A. P.	Ra. A. P.			Ra. A. P.		
																	BIHAR—concluded.		
13 10	13 10	13 13	7 13	7 13	10 8	15 11	15 11	15 11	2 10	0 2 10	0 2 8 0	Monghyr.			20				
11 6	13 14	19 0	7 10	7 10	10 2	15 2	15 2	15 8	2 6	0 2 6 9	2 10 0	Bhagalpur.			21				
...	...	...	7 0	7 0	10 0	13 0	13 0	11 0	3 0	0 3 0 0	3 8 0	Purnea.			22				
14 0	16 0	18 0	5 8	5 8	6 8	11 0	12 0	12 0	3 8	0 3 5 0	3 5 0	Darjeeling.			23				
13 0	12 0	19 0	12 0	12 0	13 8	14 0	14 0	14 0	2 12	0 2 12 0	2 10 0	Sonthal Parganae.			24				
...	...	...	12 8	12 8	17 1	16 0	16 0	16 0	2 5	0 2 5 0	2 8 0	ORISSA.							
...	...	...	8 0	8 0	10 0	16 0	16 0	17 0	2 6	0 2 6 0	2 6 0	Cuttack.			25				
...	...	...	12 0	12 0	16 0	10 0	10 8	10 0	3 4	0 3 4 0	3 8 0	Balasore.			26				
...	...	...	7 14	7 14	10 8	16 0	17 0	14 0	2 8	0 2 6 0	2 8 0	Angul.			27				
...	...	...	9 0	9 0	9 8	13 0	13 0	11 0	3 0	0 3 0 0	3 4 0	Puri.			28				
...	...	...	...	...	...	...	...	...	...	...	...	Sambalpur.			29				
14 0	13 8	14 0	7 0	7 8	9 0	12 8	12 12	12 0	3 1	3 8 0	3 8 0	CHOTA NAGPUR.							
14 0	14 0	...	6 8	6 8	5 8 to 6 0	12 0	11 0	11 8	3 5	3 8 0	3 8 0	Hamirbagh.			30				
13 8	13 8	13 8	9 0	9 0	10 2	14 10	14 10	15 3	...	...	...	Ranchi.			31				
...	...	...	8 8	9 0	10 0	14 0	15 0	15 0	2 9	0 2 10 0	2 8 0	Palamau.			32				
...	...	...	12 0	12 0	13 0	13 0	13 0	11 0	2 12	0 2 12 0	2 8 0	Manbhum.			33				
...	...	...	...	...	...	...	...	...	...	...	...	Singbhum.			34				

X. In the subdivisions the retail prices of salt per mounds are—

- X. In the subdivisions the retail prices of salt per rupee are—Kendrapara 14 seers, Jajpur 13 seers.  
Y. At Bhadrak the retail price of salt is 14 seers per rupee (panga).  
Z. In the marts in the interior of the district the retail prices of salt per rupee are—Sankhpur 10 seers (karkatch),  
Phulbani 9 seers (karkatch).  
a. At Khurda the retail price of salt is 17 seers per rupee.  
b. At Bargarh the retail price of salt is 12 seers (Bombay) a rupee.  
c. Gumla, return not received.  
d. In the subdivisions the retail prices of salt per rupee are—Gobindapur 16 seers (panga); Jhalda 11 seers (panga).

Published for general information.

C. A. OLDHAM,  
Director of Agriculture, Bengal.

## PRICES-CURRENT (wholesale) of Food-grains, Firewood, &amp;c., in

PRICE PER MAUND OF

Number.	MADRAS.	PRICE PER MAUND OF											
		RICE (BEST SORT).			COMMON RICE (note above).			WHEAT ( <i>Triticum sativum</i> ).			BARLEY ( <i>Hordeum vulgare</i> ).		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1	Calcutta	6 8 0	6 8 0	5 12 0	5 0 0	4 14 0	4 8 0	3 6 0	3 6 0	3 8 0	2 10 0	2 10 0	2 10 0
2	Burdwan	5 8 0	5 5 3	4 0 0	6 0 0	4 7 0	3 8 0	...	...	...	...	...	...
3	Midnapore	4 12 0	4 10 0	3 4 0	4 6 6	4 0 0	2 12 0	...	...	...	...	...	...
4	Patna	5 8 0	5 8 0	4 0 0	4 8 0	4 8 0	2 15 0	3 2 0	3 4 0	2 14 0	2 4 0	2 4 0	1 18 0
5	Musaffarpur	6 10 6	5 11 6	5 0 0	4 4 0	4 3 3	3 1 3	3 5 3	3 10 0	2 10 6	2 8 0	2 8 0	1 18 0
6	Bhagalpur	6 6 0	6 6 0	3 15 0	4 4 0	4 3 0	3 0 0	3 8 0	3 8 0	2 12 0	2 10 0	2 10 0	1 10 0
7	Outtock	5 1 3	5 1 3	3 13 0	3 5 4	3 5 4	2 12 0	3 5 4	3 5 4	3 0 9	...	...	...
8	Sambalpur	4 6 0	4 6 0	3 13 0	3 13 0	3 6 0	2 6 0	3 2 0	3 2 0	3 4 0	...	...	...
9	Ranchi	5 1 3	5 1 3	5 1 3	3 10 3	3 5 0	3 4 3	4 7 0 to 4 11 4	4 7 0 to 5 0 0	3 13 0 to 5 11 3	2 18 9	2 18 9	2 10 3

CALCUTTA,  
The 20th August 1906.



STANDARD SEERS.												
JUAR OR CHOLUM ( <i>Sorghum vulgare</i> ).			BAJRA OR CUMBU ( <i>Pennisetum typhoides</i> ).			MARUA OR RAGI ( <i>Hieroglossa sorghana</i> ).			GRAM, CHANA, CHOLA, KADALAY, OR MUNAGA ( <i>Cicer aridum</i> ).			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
...	...	...	...	...	2 12 0	...	...	...	3 6 0	3 4 0	3 0 0	
...	...	...	...	...	...	...	...	...	3 6 0	3 8 0	2 8 0	
...	...	...	...	...	...	...	...	...	3 0 0 to 3 8 0	3 0 0 to 3 8 0	2 12 0 to 3 4 0	
...	...	...	...	...	...	...	...	...	2 14 0	2 14 0	2 5 6	
...	...	...	...	...	...	2 10 6	2 8 0	1 18 0	2 15 3	3 1 3	2 8 0	
...	...	...	...	...	...	...	...	...	3 2 0	3 2 0	2 3 0	
...	...	...	...	...	...	...	...	...	Biri or Kalai.			
...	...	...	...	...	...	...	...	...	3 0 9	3 0 9	2 5 4	
...	...	...	...	...	...	...	...	...	3 13 0	3 13 0	2 10 0	
...	...	...	...	...	...	...	...	...	3 18 0	3 13 0	3 3 0 to 3 5 0	

PRICE PER MAUND											
INDIAN-CORN OR MAIZE (Zea mays).			ARHAR DAL OR TUR— CADJAN PEA (Cajanus indicus).			LINSKED.			MUSTARD AND RAPESEED.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
...	...	2 10 0	4 12 0	4 8 0	4 12 0	5 4 0	5 4 0	5 2 0	6 0 0	5 14 0	4 8 0
...	...	...	4 13 0	5 0 0	3 14 0	...	...	...	6 0 0	6 0 0	5 3 0
}	-	1 0 0	...	...	...	...	...	...	Black mustard.		
			4 10 0	4 10 0	4 4 0	4 14 0	4 10 0	4 12 0	5 12 0	5 12 0	5 12 0
									Rapeseed.		
									5 8 0	5 8 0	4 4 0
...	...	2 1 6	5 0 0	4 6 6	3 8 0	7 4 0	7 2 0	4 15 0	7 4 0	7 2 0	5 4 0
2 15 3	2 18 9	2 3 6	5 0 0	5 0 0	3 5 8	...	...	...	...	...	...
3 8 0	2 14 0	1 15 0	5 4 0	5 4 0	3 15 0	5 3 0	5 3 0	4 3 0	5 0 0	5 0 0	4 4 0
...	...	...	3 3 6	3 3 6	2 5 4	...	...	...	5 0 0	5 0 0	5 0 0
...	...	...	3 3 6	3 3 6	2 5 4	...	...	...	5 0 0	5 0 0	5 0 0
...	...	...	3 14 0	3 14 0	3 14 0	...	...	...	6 4 0	6 4 0	4 4 0
...	...	...	3 14 0	3 14 0	3 14 0	...	...	...	5 8 0	5 8 0	4 4 0
}	...	...	6 2 6	6 2 6	6 10 0	}	5 0 0	5 0 0	6 10 6	6 10 6	5 10 6
					7 4 6				7 0 0	7 4 4	6 10 6

## STANDARD SEERS.

TIL OR JINJILI SEED.			SUGAR (RAW).			COTTON (CLEANED).			JOPE.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
6 8 0	6 8 0	4 4 0	6 0 0	6 0 0	5 0 0	19 0 0	19 0 0	18 0 0	11 14 0	11 14 0	6 0 0
...	...	...	5 4 0	6 8 0	5 14 0	...	...	26 0 0	...	...	...
...	...	...	5 4 0	5 4 0	6 12 0	20 0 0 to 24 0 0	20 0 0 to 24 0 0	24 0 0	...	...	...
7 8 0	6 8 0	6 2 0	5 4 0	5 4 0	5 0 0	18 14 0	18 5 0	...	...	8 6 0	7 0 0
...	...	...	5 0 0	5 0 0	5 0 0	...	...	...	...	...	...
...	...	...	...	4 8 0	5 0 0	20 0 0	20 0 0	20 0 0	...	...	...
5 2 3	5 3 9	5 2 0	4 0 6	4 0 6	5 5 0	22 18 0	22 18 0	24 0 0	...	...	...
4 14 0	4 14 0	4 4 0	6 2 0	6 2 6	5 8 4	...	...	...	6 4 0	6 4 0	6 0 0
...	...	...	5 11 6	5 11 6	6 10 6	26 10 0	26 10 0	26 10 0	...	...	...

PRICE PER MAUND OF 40 STANDARD SHEER.									HIDES (COW).			GRASS.		
GHI (CLARIFIED BUTTER).			TOBACCO LEAF.											
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.
39 0 0	39 0 0	41 0 0	8 8 0	8 8 0	8 0 0	350 0 0	300 0 0	250 0 0	1 4 0	1 4 0	1 4 0			
40 0 0	39 8 0	36 5 0	...	...	...	...	...	...	...	...	...	...	...	...
			Madhukhal.			2 8 0	2 8 0	1 12 0						
			7 0 0	7 0 0	5 4 0	to	to	to						
41 0 0	41 8 0	38 8 0	Pulta.			8 8 0	8 8 0	2 12 0						
			9 0 0	9 0 0	6 8 0	Cleaned per piece.								
						2 12 0	2 12 0	2 0 0						
						to	to	to						
						3 12 0	3 12 0	2 0 0						
39 0 0	39 0 0	38 0 0	10 0 0	9 8 0	8 8 0	...	...	...	...	...	...	...	...	...
40 0 0	40 0 0	35 8 0	8 0 0	8 0 0	8 0 0	...	...	...	...	...	...	...	...	...
41 0 0	41 0 0	36 8 0	9 0 0	8 12 0	6 0 0	...	...	...	...	...	...	...	...	...
41 14 6	41 14 6	38 0 0	8 8 0	5 8 0	4 4 0	Per maund			30 0 0	30 0 0	25 0 0	0 7 6	0 7 6	0 7 6
40 0 0	40 0 0	37 8 0	22 13 0	22 13 0	16 0 0	Per maund.			40 0 0	40 0 0	38 0 0	...	...	...
49 8 8	45 11 8	37 0 0				Per piece.			2 0 0	2 0 0	2 0 0	0 4 0	0 5 4	0 5 4
53 5 8	53 5 8	42 10 0	10 0 0	10 0 0	10 0	2 0 0	2 0 0	2 8 0						

un-mentioned *Manis* of Bengal on the 15th August 1906.

STRAW.			JUAR STALKS.			PRICE PER MAUND OF 40 STANDARD SKMES.									MARKS.
						IRON.			FIREWOOD.			SALT.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
0 0	1 0 0	0 14 0	...	...	...	5 14 0	5 12 0	6 0 0	0 8 0	0 8 0	0 9 0	2 2 0	2 2 0	2 8 0	1. Calcutta
12 0	0 11 6	0 18 0	...	...	...	...	...	...	0 5 6	0 5 6	0 8 0	2 4 0	2 5 0	2 3 6	2. Burdwan.
8 0	0 8 0	0 8 0	...	...	...	{ 2 8 0 to 4 12 0 } { 2 8 0 to 4 12 0 } { 2 8 0 to 4 0 0 }			0 4 0	0 4 0	0 4 0	{ 2 5 0 to 2 4 0 } { 2 5 0 to 2 4 0 } { 2 5 0 to 2 4 0 }			3. Midnapore.
...	...	...	...	...	...	4 0 0	4 0 0	4 0 0	0 6 0	0 8 0	0 6 0	0 3 0	0 3 0	2 8 0	4. Patna.
...	...	...	...	...	...	8 0 0	8 0 0	5 11 6	0 5 3	0 5 3	0 4 0	2 13 9	2 10 6	2 12 0	5. Muzaffarpur.
...	...	...	...	...	...	5 0 0	5 0 0	5 0 0	0 5 0	0 5 0	0 5 0	2 6 6	2 6 9	2 10 0	6. Bhagalpur.
9 0	0 9 0	0 8 0	...	...	...	4 12 0	4 12 3	3 13 4	0 5 0	0 5 0	0 5 0	2 5 0	2 5 0	2 8 0	7. Cuttack.
...	...	...	...	...	...	...	...	...	0 4 0	0 4 0	0 4 0	0 3 0	0 3 0	0 3 4 0	8. Sambalpur.
0 0	2 0 0	0 12 9	...	...	...	5 11 6	5 11 6	5 0 0	0 5 0	0 5 0	0 5 0	0 5 0	0 5 0	0 5 0	9. Banohi.

C. A. OLDHAM,  
Director of Agriculture, Bengal.



## Meteorological Report of the Provinces of Bengal and of Eastern Bengal and Assam for the month July 1906.

METEOROLOGICAL DIVISION.	DISTRICT.	Representative stations.	AIR PRESSURE.				WIND.			TEMPERATURE.						HUMIDITY.		CLOUD.		
			Highest, 8 A.M., barometer reading.	Lowest, 8 A.M., barometer reading.	Mean, 8 A.M., reduced to 32°.	Mean reduced to sea-level and constant gravity, Lat. 40°.	Variation from normal mean.	Mean direction at 8 A.M.	Mean velocity in miles daily.	Highest of month.	Lowest of month.	Mean daily maximum temperature.	Mean daily minimum temperature.	Mean daily temperature.	Variation from normal mean.	Mean, 8 A.M.	Variation from normal mean.	Mean amount, 8 A.M.	Variation from normal mean.	
SOUTH-WEST BENGAL.	Burdwan.	Burdwan	29.077	29.234	29.161	29.508	-.023	86°W	78	94.4	76.8	91.0	79.5	85.2	+0.5	87	-	8.9	-	
		Raniganj	29.430	29.068	29.234	29.507	-.023	835°E	37	95.5	75.9	90.8	78.9	84.9	+0.8	83	-	7.8	-	
		Bankura	29.441	29.082	29.233	29.404	-.029	N 84°E	103	96.6	76.7	91.0	78.9	83.0	+1.1	84	-	6.3	-	
		Midnapore	29.613	29.280	29.408	29.508	-.057	880°E	94	93.8	75.7	90.3	79.5	84.9	+0.9	86	-	5.2	-	
Presidency.	24-Parganas	Saugor Island	29.764	29.316	29.545	29.514	-.018	830°W	461	93.4	78.1	89.3	81.4	83.4	+1.8	67	-3	8.5	-	
	Calcutta	Calcutta	29.770	29.318	29.544	29.510	-.023	87°W	145	93.4	74.4	89.8	79.4	84.6	+1.4	88	+1	8.2	-	
	Nadia	Krishnanagar	29.716	29.320	29.516	29.510	-.034	816°E	88	94.1	79.0	91.0	80.0	85.5	+1.6	90	-	7.4	-	
	Murshidabad	Berhampore	29.701	29.293	29.494	29.510	-.036	835°E	134	93.8	77.2	91.0	79.6	83.3	+1.3	88	+2	9.0	-	
Jessore.	Jessore	Jessore	29.758	29.357	29.543	29.523	-.026	846°E	46	94.0	77.7	90.4	79.8	85.2	+1.1	88	-3	6.2	-	
	Rajshahi.	Rajshahi	29.093	29.333	29.408	29.517	-.023	811°W	84	93.1	77.1	90.0	79.8	84.9	+1.4	85	-	6.6	-	
		Dinajpur	Dinajpur	29.086	29.290	29.444	29.531	-.020	833°E	83	93.8	77.0	90.1	79.4	84.8	+0.8	89	-	8.0	-
		Jalpaiguri	Jalpaiguri	29.461	29.148	29.303	29.543	-.037	873°E	19	94.4	74.4	88.8	78.3	83.5	+1.0	91	-	7.8	-
Cooch Behar		Cooch Behar	29.627	29.269	29.438	29.543	-	875°E	40	94.6	76.1	89.9	78.7	84.3	-	88	-	8.0	-	
Dacca.	Bangpur	Bangpur	29.618	29.317	29.463	29.539	-.028	838°E	68	95.1	76.6	89.6	80.1	86.9	+1.1	87	-	6.6	-	
	Bogra	Bogra	29.091	29.355	29.319	29.523	-.035	831°E	40	94.2	76.7	90.4	79.6	85.0	+1.3	88	-	8.6	-	
	Pabna	Sirajganj	29.711	29.348	29.514	29.513	-.023	819°E	128	91.8	71.3	88.9	79.4	84.1	+1.0	89	-	8.4	-	
	Dacca	Narayanganj	29.767	29.410	29.584	29.558	-.014	821°E	146	93.8	71.8	90.1	79.8	85.0	+1.3	90	+1	8.4	-	
Chittagong.	Mymensingh	Mymensingh	29.747	29.377	29.561	29.566	-.023	832°E	82	93.8	76.1	89.7	79.3	84.3	+1.8	88	-	8.5	-	
	Faridpur	Faridpur	29.765	29.353	29.552	29.546	-.023	820°E	118	91.8	76.9	89.1	79.0	84.1	+1.3	89	-	7.4	-	
	Backergunge	Barisal	29.318	29.383	29.598	29.530	-.013	89°E	88	90.8	76.6	85.3	79.2	83.9	+0.9	88	-	6.3	-	
	Tippera	Comilla	29.767	29.392	29.578	29.562	-.010	837°E	139	93.8	76.3	89.1	78.1	83.8	+1.6	88	-	6.0	-	
Patna.	Noakhali	Noakhali	29.708	29.343	29.526	29.568	-.027	82°E	179	93.8	76.9	85.9	78.5	83.2	+0.9	90	-	6.7	-	
	Chittagong	Chittagong	29.788	29.302	29.550	29.585	-.032	818°E	191	93.1	74.4	90.3	76.9	81.6	+0.4	90	+2	7.8	-	
	Patna	Bankipore	29.620	29.185	29.346	29.480	-.043	860°E	178	97.5	77.2	90.9	80.1	85.6	+0.6	88	+4	9.5	-	
	Gaya	Gaya	29.340	29.970	29.155	29.489	-.039	N 72°E	74	93.0	73.8	94.3	77.5	85.1	-.03	85	+5	6.8	-	
Bihar.	Shahabad	Dehri	29.364	29.021	29.175	29.477	-.050	816°E	159	96.4	73.0	91.4	79.9	85.7	+1.3	84	-	3.7	-	
	Atrah	Atrah	29.457	29.135	29.280	29.473	-.041	801°E	131	94.0	70.1	89.6	78.8	84.3	+0.1	87	-	7.7	-	
	Saran	Chhapra	29.629	29.181	29.348	29.440	-.013	872°E	43	96.9	76.2	90.9	80.0	85.1	+0.7	85	-	3.7	-	
	Champaran	Motihari	29.144	29.171	29.314	29.108	-.035	N 42°E	74	94.6	76.3	90.6	79.6	85.1	+0.8	90	-	6.3	-	
Bhagalpur.	Muzaffarpur	Muzaffarpur	29.552	29.200	29.364	29.509	-.017	866°E	84	95.7	77.0	90.0	80.0	85.0	-	90	-	4.7	-	
	Darbhanga	Darbhanga	29.560	29.219	29.354	29.502	-.032	N 74°E	68	95.6	76.8	90.1	79.6	84.9	+0.3	89	+6	7.3	-	
	Bhagalpur	Bhagalpur	29.576	29.232	29.391	29.501	-.011	840°E	77	93.7	76.6	90.8	79.7	85.3	+1.1	89	-	7.8	-	
	Darjeeling	Darjeeling	29.043	29.705	29.001	29.350	-.012	N 47°W	69	73.3	56.6	68.0	58.9	63.5	+1.6	74	0	9.0	-	
Orissa.	Purnea	Purnea	29.617	29.280	29.437	29.516	-.032	865°E	74	91.2	76.7	90.3	79.7	85.0	+0.6	90	+2	7.8	-	
	Malda	Malda	29.603	29.313	29.453	29.498	-.035	817°E	9	95.6	69.6	90.0	79.3	84.7	+0.3	90	-	6.5	-	
	Sonthal Parganas.	Naya Dunksa	29.285	28.907	29.065	29.508	-.019	872°E	41	96.5	74.9	90.0	78.4	84.3	+1.1	87	-	6.0	-	
	Rambalpur	Rambalpur	29.391	29.533	29.464	29.513	-.030	834°W	120	92.1	74.6	87.3	77.1	83.4	+0.1	84	-	7.6	-	
Chota Nag. port.	Angul	Angul	29.325	29.468	29.190	29.331	-	871°W	1366	94.1	76.0	89.8	77.3	83.5	-	83	-	4.7	-	
	Cuttack	Cuttack	29.717	29.103	29.502	29.525	-.019	891°W	77	95.6	76.7	90.8	79.6	84.8	+1.0	85	+4	6.7	-	
	Balasore	Pulke Point	29.783	29.228	29.508	29.53	-.019	849°W	337	97.1	76.8	88.3	79.5	83.3	+0.7	84	-4	5.1	-	
	Puri	Balasore	29.735	29.277	29.518	29.510	-.014	836°W	116	93.0	75.4	89.3	79.1	84.3	+0.8	83	-	6.8	-	
Assam.	Gopalpur	Puri	29.770	29.248	29.573	29.533	-.012	834°W	334	91.6	76.6	89.3	80.8	84.6	-	86	-	6.4	-	
	Hazaribagh	Gopalpur	29.740	29.261	29.527	29.529	-.012	843°W	382	94.7	76.6	87.8	79.5	83.7	+0.4	85	-	5.9	-	
	Hazaribagh	Hazaribagh	27.750	27.363	27.560	29.109	-.034	841°W	185	91.7	78.3	88.9	74.8	80.9	+1.7	84	-2	8.3	-	
	Ranchi	Ranchi	27.035	27.267	27.451	29.510	-.031	835°W	197	90.2	71.9	85.1	75.8	79.5	+1.0	88	-	8.5	-	
Assam.	Palamanu	Daitonaganj	28.003	28.614	28.796	29.477	-	827°E	116	95.6	75.0	91.2	76.8	81.9	-	87	-	6.6	-	
	Manbhum	Parula	28.031	28.516	28.776	29.154	-	833°W	96	95.6	74.4	90.8	77.8	84.2	-	89	-	6.5	-	
	Singbhum	Charibassa	28.985	28.607	28.784	29.140	-.027	842°W	9	95.9	69.7	90.6	77.7	84.1	+0.6	84	-	6.6	-	
	Dibrugarh	Dibrugarh	29.413	29.127	29.248	29.519	-	S	7	96.1	78.0	88.9	78.9	82.4	-	93	-	7.8	-	
Assam.	Subsagar	Subsagar	29.456	29.140	29.276	29.601	-.057	850°W	58	96.3	76.7	90.6	79.5	85.1	+1.1	89	-2	8.3	-	
	Tezpur	Tezpur	29.682	29.211	29.347	29.516	-	N 63°E	55	95.6	76.9	90.3	78.1	84.2	-	91	-	8.0	-	
	Kamrup	Gubhati	29.612	29.241	29.405	29.557	-	N 16°E	81	96.0	77.1	91.2	79.2	85.3	-	88	-	8.4	-	
	Goalpara	Dihubri	29.051	29.312	29.450	29.520	-.050	834°E	120	91.2	74.8	88.9	78.6	83.3	+1.3	92	+4	8.1	-	
Assam.	Cocher	Sidicair	29.735	29.336	29.533	29.586	-.036	Calm	0	95.6	76.2	100.0	78.0	84.5	+0.8	87	-1	7.3	-	
	Shillong	Shillong	28.096	28.845	28.982	29.104	-	87°W	67	89.0	63.1	70.6	65.7	71.2	-	88	-	7.7	-	
	Chertapunji	Chertapunji	28.073	28.373	28.501	28.452	-	81°W	140	78.7	65.0	73.4	66.3	69.8	-	95	-	9.3	-	

(a) Mean of 30 days.

(b) Mean of 28 days.

(c) Mean of 30 days.

**SUMMARY OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN BENGAL, AND IN EASTERN BENGAL AND ASSAM, FOR THE MONTH OF JULY 1906.**

THE month of July opened with a fairly steep pressure gradient over the Bay, and a shallow barometrical depression lying over the United Provinces with a centre near Allahabad. At the same time the irregular winds in the north-west angle afforded evidence of a tendency towards the formation of a depression in the Bay. The winds, however, reverted to their normal directions, and all signs of disturbed weather disappeared. The shallow depression in the United Provinces moved slowly westward during the next few days and filled up. Its influence on the Meteorology of Bengal was but slight, determining every position of the eastward limit of the Bombay current and was affecting in consequence the rainfall in Bihar and Chota Nagpur. The Bay current in the early part of the month was weak, but showed a slight tendency to increase in strength about the 7th of the month. At this period and until about the 12th pressure was abnormally high at the head of the Bay, and as is usually the case the monsoon current was deflected from Burmah into North-East India. At the same time a trough of low pressure lying along the base of the hills gave rise to general rain in North Bengal, Bihar and Assam.

On the 15th the shape of the isobars at the head of the Bay indicated that conditions were favourable for the formation of a depression, and on the 16th the northerly components in the winds at Saugor Island and along the Orissa coast proved that this anticipation was being realised. This disturbance developed somewhat slowly, and probably in the early stages of its formation was some distance from the coast. Its centre on the 17th was in the latitude of Gopalpur, and after moving slowly in a north-westerly direction it crossed the coast near Puri on the 21st. It was accompanied by very strong winds to the south and south-east, but the rainfall associated with it was not heavy as far as the Bay current was concerned. It continued in its north-westerly path across Orissa into the Central Provinces outside the region of this report. On the 23rd the usual rapid rise of pressure in the rear of the storm followed, but on the 24th a check in the recovery of the pressure and a north-westerly wind at Saugor Island gave rise to suspicions that another disturbance was in the process of formation. On the next day it became clear that a small storm had formed in the north-east angle, which moved in a northerly direction and crossed the coast near Barisal early in the morning of the 26th. Its centre passed about 70 miles to the north of Calcutta and gave heavy rain there. Although shallower than its predecessors, it exerted much more influence on the rainfall of Bengal, and before it passed into the United Provinces on the 30th and filled up, gave very heavy rain in South-West Bengal, Chota Nagpur and Bihar, and carried the monsoon current usefully over the greater part of the area to the north of the Bay.

*Summary of Rainfall.*—The rainfall work of the Province has been placed in the hands of the Director of Agriculture, Bengal, and the usual data regarding the actual and normal rainfall during the month will be published by that Department.

*Summary of Temperature.*—The mean temperature of the month was in excess of the normal mean by small amounts in every district in the area under report. The highest shade temperature recorded during the month amounted to 98·6 degrees, and was recorded at Silchar. In Calcutta the highest temperature recorded was 92·9 and the lowest 74°·4.

The following table gives the Summary of the temperature of each of the seven Meteorological Divisions of the Provinces of Bengal and of Eastern Bengal and Assam for the month of July 1906.

METEOROLOGICAL DIVISIONS.	TEMPERATURE.					Average mean of month above or below normal mean of month.
	Highest observed during Month.	Lowest observed during month.	AVERAGE FOR MONTH.			
			Of highest of each day.	Of lowest of each day.	Of mean for each day.	
South-West Bengal	95·6	74·4	90·5	79·7	85·1	+1·1
North Bengal ...	95·8	74·4	89·7	79·3	84·5	+1·1
East Bengal ...	93·8	71·8	88·4	78·7	83·6	+1·1
Bihar ...	98·4	69·6	90·6	79·4	85·0	+0·6
Orissa	95·4	74·6	88·5	79·1	83·9	+0·6
Chota Nagpur* ...	95·9	69·7	88·5	76·2	82·4	+1·1
Assam ...	98·6	72·0	90·0	78·2	84·1	+1·0

\* Poruba not included.

METEOROLOGICAL OFFICE, CALCUTTA,  
The 21st August 1906.

O. W. PEAKE,  
Meteorological Reporter to the Govt. of Bengal.

Table of Rainfall recorded at station

SOUTH-WEST BENGAL.

Division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Burdwan.	Burdwan	Kaiba	0.04	0.61	...	...	...	...	1.70	0.15	0.31	...	...	...	...	0.12	0.02	0.34	0.33	0.91	0.01	0.33	
		Hurdwan	0.08	3.37	...	...	...	...	0.00	0.50	0.31	...	...	...	...	0.02	0.15	...	...	...	...	...	
		Katwa	...	1.10	1.16	...	...	...	0.02	1.00	...	...	...	...	...	0.09	0.18	...	...	...	...	...	
		Raichan	0.55	0.47	...	0.05	...	...	0.40	0.01	0.23	0.01	...	...	...	0.09	0.40	...	1.43	0.04	...	...	
	Bishnupur	Mankur	...	0.55	...	...	...	...	...	0.18	...	0.34	...	...	...	0.35	...	...	...	0.14	0.15	...	
		Suri	0.00	0.58	...	...	...	...	0.95	...	1.45	...	...	...	...	0.30	1.78	0.30	...	1.50	...	0.50	
		Kotampur	0.06	0.50	0.04	...	1.07	...	...	3.50	1.43	0.09	...	...	...	1.00	2.05	0.36	2.64	...	...	0.41	
		Rampur Hat	0.00	0.35	...	...	...	...	...	0.28	...	...	...	...	...	...	2.10	0.03	0.41	0.31	...	0.05	
	Bankura	Bolpur	1.00	0.44	0.10	...	0.02	...	2.35	2.07	...	0.10	0.09	...	...	0.58	1.50	0.20	...	0.40	...	0.12	
		Murari	0.30	0.40	...	...	...	...	3.70	...	...	...	...	...	...	...	0.45	0.42	...	0.61	1.76	...	
		Lalpur	...	0.10	0.15	...	0.03	...	...	0.57	...	...	...	...	...	...	...	...	...	...	...	...	
		Sankura	0.05	0.04	...	...	0.01	...	1.37	0.21	0.07	3.00	0.02	...	...	...	1.11	0.71	0.35	0.99	...	0.01	
	Midnapore	Chhatra	0.03	0.23	...	...	...	...	0.52	1.34	1.52	0.26	0.68	...	...	...	0.26	0.20	0.13	0.60	0.29	0.31	
		Chhatra	0.17	0.12	...	...	...	...	...	1.47	...	...	...	...	...	...	0.66	...	...	1.30	0.31	...	
		Chhatra	0.02	0.30	...	...	...	...	...	0.03	0.70	0.30	1.58	0.31	...	...	0.33	0.43	1.31	...	0.06	0.05	
		Chhatra	0.07	0.26	...	...	...	...	0.50	0.04	1.35	...	...	...	...	...	0.02	0.03	1.12	0.15	0.00	...	
	Hooghly	Kotalpur	...	...	...	...	...	...	...	0.71	0.49	1.03	0.21	0.09	...	...	0.52	0.38	0.56	3.05	...	...	
		Omka	0.47	0.20	...	...	...	...	2.45	0.30	...	...	...	...	...	...	0.04	...	0.72	3.75	...	...	
		Gangajalhati	0.30	...	...	...	...	...	1.75	...	...	0.38	0.14	...	...	...	0.50	...	0.55	...	0.15	0.33	
		Kampur	...	0.30	...	0.15	...	...	...	...	...	0.19	0.10	...	...	...	0.58	0.47	1.48	2.40	0.45	...	
	Howrah	Nonamukhi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.30	0.05	1.97	0.01	0.06	0.19
		Conna	...	0.04	...	0.02	...	...	...	0.11	0.09	0.07	...	...	...	...	...	0.12	0.08	...	...	...	
		Dumtut	...	0.50	...	...	0.02	0.30	3.12	0.01	...	...	...	...	...	...	0.61	0.96	...	...	...	...	
		Midnapore	0.34	1.01	...	...	0.03	0.10	0.01	0.15	...	0.01	...	...	...	...	...	0.19	0.02	0.60	0.42	0.03	0.19
24-Parganna	Chhatra	0.05	0.73	...	...	...	...	...	0.21	0.03	0.04	0.51	0.16	...	...	...	1.14	0.14	2.30	...	0.11	0.24	
	Kakradity	...	7.32	...	...	...	...	...	0.08	0.04	0.51	0.16	...	...	...	...	0.07	0.03	0.14	0.03	0.04	0.01	
	Gangajalhati	0.14	0.72	...	...	...	...	...	0.83	0.02	0.02	0.31	...	...	...	...	0.50	0.71	...	0.04	0.03	...	
	Panskura	...	0.43	...	...	...	...	...	...	...	...	...	...	...	...	0.80	1.02	0.10	1.00	0.11	0.20		
Nadia	Dantan	...	1.02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	Borampore	1.00	0.72	0.02	0.15	0.38	...	0.70	0.01	0.32	0.08	...	...	...	...	...	0.05	1.04	0.02	0.01	...	0.03	
	Hooghly	0.32	0.02	0.04	...	0.25	...	0.02	1.23	0.34	...	...	...	...	...	...	0.03	0.53	0.26	0.01	...	...	
	Arambagh (Jahanabad)	0.34	2.10	0.05	...	0.20	...	0.10	0.02	0.10	...	...	...	...	...	0.16	1.03	0.55	0.39	0.03	...	0.10	
Howrah	Howrah	...	1.15	...	0.00	1.09	...	...	...	0.84	0.24	...	...	...	...	...	0.47	1.50	0.03	...	...	0.39	
	Moharaka	...	1.36	...	...	0.40	0.15	...	...	2.05	0.20	...	...	...	...	...	1.02	1.05	0.21	...	0.00	0.12	
	Umbaria	0.02	0.50	...	...	...	...	...	...	0.12	0.08	...	...	...	...	...	0.16	0.08	0.34	0.23	0.05	0.10	
	Amia	...	0.04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.10	1.05	1.17	0.08	...	
24-Parganna	Saugor Island	...	0.30	0.10	0.03	...	...	...	0.10	0.20	0.36	...	...	...	...	...	0.53	...	1.82	...	0.06	0.11	
	Dumtut	...	2.43	...	0.03	0.71	...	0.31	0.22	0.03	0.20	...	...	...	...	0.14	0.17	0.57	0.17	0.03	0.30	0.44	
	Budge-Budge	...	1.31	...	0.01	0.12	0.02	0.05	1.74	0.01	0.07	0.06	...	...	...	...	0.11	0.01	0.60	1.37	...	1.43	
	Canning Town	0.12	0.10	...	1.01	0.02	0.02	1.12	1.02	1.02	...	...	...	...	...	...	0.48	0.68	...	...	0.20	0.46	
Nadia	Allipore (Oban)	...	1.08	0.02	0.02	0.31	...	...	...	0.95	0.26	0.30	...	...	...	...	...	0.01	1.20	0.18	0.10	0.03	
	Barrackpore	1.07	0.51	0.46	0.05	0.34	...	...	0.23	0.75	0.19	0.08	...	...	...	...	0.04	1.37	...	...	...	0.26	
	Dumtut	...	0.60	...	0.08	0.34	...	...	...	0.31	...	...	...	...	...	...	0.08	1.17	0.30	...	...	0.16	
	Baranati	0.35	0.31	...	...	0.27	...	0.11	0.03	0.01	...	...	...	...	...	...	0.07	2.06	...	...	...	0.31	
Murshidabad	Bamrhat	0.34	0.03	...	...	...	...	0.08	...	...	1.78	...	0.77	...	...	...	...	...	...	...	...		
	Nandi	1.30	1.16	0.11	...	0.73	0.03	0.11	0.60	0.05	...	...	...	...	...	...	0.35	0.23	...	...	...	...	
	Berhampur	1.38	0.80	0.51	...	...	...	0.30	1.40	0.31	...	...	...	...	...	...	0.33	0.30	...	0.04	...	...	
	Lalbahar	0.41	0.36	0.09	...	...	...	0.12	0.50	0.55	...	...	...	...	...	...	0.03	0.47	...	...	...	0.01	
Jessore	Jaipur	0.08	0.40	2.80	...	...	...	0.23	0.30	0.61	0.03	0.05	0.02	0.02	0.03	0.25	...	...	...	...	0.16		
	Jaipur	2.01	1.04	0.11	...	0.02	...	0.39	0.55	0.15	1.01	...	...	...	...	...	0.15	0.05	0.14	...	0.01	0.73	
	Jaipur	2.35	0.30	0.45	...	...	...	0.24	...	0.07	0.16	...	...	...	...	...	2.50	0.07	0.08	...	...	...	
	Akrapur	0.70	0.40	0.30	...	...	...	0.01	1.08	2.70	...	...	...	...	...	...	0.03	0.01	...	...	...	...	
Khalna	Patkalari	0.60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.60	0.30	...	...	...	...	
	Dumtut	...	1.77	0.36	0.07	...	...	...	...	...	...	...	...	...	...	...	2.41	0.31	...	...	...	0.54	
	Kuliyangpur	0.70	0.03	0.10	...	...	...	0.33	1.08	0.08	1.00	...	...	...	...	...	0.40	0.31	...	...	...	...	
	Nandi	0.33	1.80	0.04	...	0.30	...	0.03	...	0.23	...	...	...	...	...	...	...	...	...	...	...	...	
Jessore	Nandi	0.10	1.70	...	...	0.18	...	...	...	0.20	...	...	...	...	...	...	0.07	...	...	0.06	0.13	...	
	Jessore	1.05	1.25	0.35	...	...	...	...	0.30	...	...	...	...	...	...	...	0.03	...	...	1.81	0.45	0.17	
	Moharaka	0.71	0.79	0.10	...	0.05	...	1.65	2.70	0.05	...	...	...	...	...	...	1.03	0.05	0.08	0.01	0.30	0.03	
	Kushtia	1.30	0.09	0.45	...	...	...	0.11	...	...	...	...	...	...	...	...	0.03	0.14	...	0.68	0.30	...	
Murshidabad	Nandi	1.30	1.16	0.11	...	0.73	0.03	0.11	0.60	0.05	...	...	...	...	...	...	...	...	...	...	...	...	
	Berhampur	1.38	0.80	0.51	...	...	...	0.30	1.40	0.31	...	...	...	...	...	...	...	...	...	...	...	...	
	Lalbahar	0.41	0.36	0.09	...	...	...	0.12	0.50	0.55	...	...	...	...	...	...	...	...	...	...	...	...	
	Jaipur	0.08	0.40	2.80	...	...	...	0.23	0.30	0.61	0.03	0.05	0.02	0.02	0.03	0.25	...	...	...	...	...	...	
Jessore	Jaipur	2.01	1.04	0.11	...	0.02	...	0.39	0.55	0.15	1.01	...	...	...	...	...	...	...	...	...	...	...	
	Jaipur	2.35	0.30	0.45	...	...	...	0.24	...	0.07	0.16	...	...	...	...	...	...	...	...	...	...	...	
	Akrapur	0.70	0.40	0.30	...	...	...	0.01	1.08	2.70	...	...	...	...	...	...	...	...	...	...	...	...	
	Patkalari	0.60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.60	0.					

Bengal in July 1906.

22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rain-fall during the month.	Total rainfall from 16th May to 31st July 1906.	Average rainfall from 16th May to 31st July 1906.	Station.	District.	Division.	Meteorological Division.
0.31	0.29	0.19	0.75	0.91	0.04	...	0.08	...	...	15	13.71	9.73	11.34	1.70	14.19	24.26	Kaina	Burdwan.		
0.65	0.01	0.01	0.02	5.41	1.80	0.01	0.04	0.12	0.01	12	16.10	12.30	12.33	3.67	20.41	25.78	Burdwan			
0.15	...	0.50	...	1.20	...	0.08	...	...	...	11	16.23	10.41	10.71	2.03	16.40	23.60	Katwa.			
0.59	0.07	...	0.04	0.80	1.08	0.43	0.05	...	0.03	10	16.32	6.88	14.15	1.48	12.65	26.67	Kaniganj			
...	0.12	...	...	0.23	0.74	1.11	...	...	...	13	16.83	4.16	13.83	1.11	12.30	26.68	Manikur.			
...	0.30	...	...	1.24	0.63	0.73	0.13	0.01	0.12	14	17.33	10.68	13.90	1.78	15.05	28.11	Suri	Birbhum.		
0.06	0.28	0.15	0.31	0.68	0.73	0.23	0.08	...	...	12	16.52	13.65	12.70	3.80	20.13	25.74	Hetampur.			
...	0.09	0.32	...	0.63	0.81	0.88	0.13	0.09	0.05	14	16.18	11.09	11.35	2.05	31.13	24.30	Rampur Hat.			
0.50	0.21	...	0.43	0.88	0.46	0.63	0.02	...	0.01	17	16.50	14.92	11.94	3.22	21.99	25.22	Bolpur.			
0.35	0.58	0.20	0.32	0.25	0.40	0.55	0.35	1.40	0.80	17	17.17	11.09	14.92	3.70	23.77	29.09	Murari.			
0.33	0.32	0.30	0.02	0.81	0.66	0.90	0.13	...	0.30	13	16.86	6.96	11.40	1.76	15.03	24.65	Lahpur.			
0.70	0.60	...	...	1.99	3.90	0.53	...	...	...	13	16.40	14.86	13.37	2.90	23.50	35.49	Bankura	Bankura.		
0.82	0.19	...	0.03	2.45	5.33	0.40	...	...	...	18	16.43	15.70	11.85	5.32	22.81	30.03	Vishnupur			
0.19	...	...	...	1.13	0.78	0.70	...	...	0.88	15	16.43	9.13	13.68	1.50	16.68	25.05	Mahara			
...	1.10	0.11	0.02	3.05	5.61	0.05	0.00	...	0.04	16	16.65	16.46	13.45	5.61	27.45	28.45	Khatra			
0.05	...	...	...	2.06	1.75	0.07	...	...	...	11	15.94	9.69	12.07	2.05	15.58	26.11	Indas			
1.32	...	...	...	4.00	3.67	...	...	...	0.57	7	15.25	19.46	12.35	0.57	28.76	20.07	Kotalpur.			
0.40	0.09	...	...	1.41	2.97	0.61	...	...	1.25	14	14.06	13.89	10.33	2.07	19.66	22.33	Onda			
0.33	0.11	0.13	...	1.22	1.23	0.36	...	...	0.35	15	14.13	12.83	12.16	3.75	19.88	26.10	Gangajalhati.			
0.80	0.93	...	...	3.45	5.45	0.45	...	...	0.55	15	16.62	16.26	12.37	5.45	25.47	27.53	Saipur.			
0.20	...	...	...	1.80	2.90	0.62	0.20	0.13	...	17	14.94	15.02	11.68	3.90	24.89	24.89	Sonamukhi.			
0.36	1.05	...	0.31	3.60	0.81	...	...	0.12	0.13	13	15.52	10.74	14.53	3.90	20.27	27.22	Dental	Midnapore.		
0.60	0.88	...	0.75	4.67	0.10	...	...	...	...	14	15.37	14.41	12.18	4.67	24.02	24.71	Tamluk.			
0.44	0.44	...	2.32	3.91	1.70	...	0.10	0.08	...	15	15.95	10.94	11.99	3.81	18.63	24.85	Midnapore.			
0.57	0.71	...	...	4.06	2.13	...	...	...	...	15	15.80	13.16	12.47	4.06	22.49	25.31	Ghatol			
0.61	0.31	...	0.65	0.56	0.59	...	...	0.09	...	17	15.00	10.19	12.58	3.68	26.49	26.88	Kukurahaty.			
0.45	0.43	...	0.11	4.48	2.81	0.01	...	0.01	...	15	15.63	13.68	12.58	4.48	21.37	25.94	Gachbata.			
0.46	0.27	...	0.88	4.00	0.12	...	...	1.18	...	13	14.38	9.40	11.00	4.00	18.08	24.93	Panskura.			
0.51	0.32	...	0.47	2.90	1.98	...	...	...	...	15	13.13	11.81	13.13	3.70	21.04	24.68	Dantan.			
0.08	0.60	...	0.05	2.75	2.43	0.05	0.13	0.44	...	12	17.30	12.17	12.64	3.75	18.35	25.51	Serampore	Hooghly.		
0.20	0.20	0.02	0.15	0.83	0.78	...	...	...	...	11	16.39	5.40	11.28	1.23	12.36	25.22	Hooghly.			
0.63	0.14	...	...	4.70	1.70	...	...	...	...	15	16.50	13.69	13.13	4.70	20.81	26.37	Arambaga (Jahanabad)			
0.55	0.05	0.04	0.85	2.90	1.98	...	...	0.80	...	13	16.06	12.62	12.64	2.90	31.31	26.03	Howrah	Howrah.		
1.20	0.41	0.40	0.20	5.71	1.80	...	...	0.10	...	17	16.35	16.53	12.11	5.71	21.99	25.22	Mohesra.			
0.60	0.39	0.25	1.10	4.60	1.20	...	...	0.65	...	17	16.67	12.45	10.42	4.60	19.31	24.73	Uttaria			
0.15	0.39	...	3.34	4.30	0.72	0.12	0.06	...	...	18	?	17.11	?	6.30	?	?	Amra.			
0.15	0.45	0.03	0.73	2.64	0.45	0.36	...	0.60	1.17	17	16.74	10.88	16.55	2.64	23.19	29.07	Saugor Island	24-Parganas.		
0.10	0.40	0.25	0.55	5.31	0.16	...	...	0.40	0.04	21	17.23	19.33	14.30	5.31	32.49	28.14	Diamond Harbour.			
0.27	0.23	0.31	0.13	4.35	1.04	...	...	0.03	...	17	?	?	?	4.58	30.41	?	Budge-Budge.			
0.27	0.13	0.43	8.19	0.11	0.03	...	...	0.04	0.02	17	16.04	16.25	13.61	8.19	32.11	37.75	Canning Town.			
0.53	0.40	0.36	0.17	3.14	1.70	...	...	0.02	0.02	17	15.56	12.69	12.31	3.18	20.84	26.30	Alipore (Obay).			
0.05	0.19	...	0.65	3.75	2.53	...	0.15	0.26	...	14	15.94	13.16	11.95	3.75	18.31	25.49	Sarrackpur.			
0.49	0.30	...	0.16	3.81	1.75	...	...	...	...	11	17.03	9.90	11.98	3.81	20.05	26.09	Dum-Dum.			
0.05	0.14	...	0.10	3.90	0.46	...	...	...	...	11	16.13	9.76	10.96	3.90	21.57	24.13	Rasat.			
0.22	0.11	0.06	0.67	1.98	0.45	...	...	...	...	11	16.66	8.57	12.53	1.73	17.36	27.80	Basirhat.			
0.20	0.10	0.13	0.20	0.18	0.56	0.01	...	...	...	12	14.68	8.35	10.55	0.57	9.14	23.78	Ranaghat	Nadia.		
0.24	...	0.12	...	1.49	0.35	...	...	0.10	...	15	15.87	9.16	10.37	1.31	18.15	23.44	Krishnagar.			
0.14	0.01	0.31	0.01	0.33	0.25	0.08	0.27	0.17	...	13	15.20	9.70	10.20	3.34	19.63	23.10	Chudanga.			
...	0.06	0.51	0.03	0.63	0.25	0.12	0.06	0.03	0.26	13	15.94	9.27	10.11	2.90	16.33	23.56	Meherpur			
0.23	0.20	0.26	...	0.25	0.25	0.16	0.11	...	...	16	15.62	6.57	12.16	1.20	13.55	25.04	Kandi	Murshidabad.		
...	0.17	0.41	...	0.28	0.24	0.09	0.14	...	...	13	16.71	7.80	10.31	1.36	16.48	22.40	Berhampore			
0.03	...	0.10	0.09	0.51	0.01	0.15	0.17	...	0.03	13	15.64	9.17	13.03	4.41	19.39	42.53	Lalbach.			
...	0.48	...	...	0.49	0.93	0.08	0.42	...	...	15	15.99	12.94	10.75	6.68	22.31	23.56	Azimganj.			
0.08	...	0.04	0.04	0.60	0.85	...	0.11	1.69	0.93	16	15.73	13.49	10.94	4.08	21.10	23.43	Jangipar.			
0.10	...	...	...	0.60	0.43	0.39	0.13	0.11	0.01	10	16.73	8.65	11.44	2.70	14.71	24.61	Lalkola.			
...	...	...	...	0.80	0.10	...	0.13	0.11	0.10	11	12.00	7.29	11.31	2.04	15.44	27.04	Akriganj.			
0.03	0.09	0.14	0.02	0.40	0.42	...	0.22	...	0.16	12	15.63	8.95	10.25	3.41	14.10	22.57	Patkubari.			
...	...	...	...	0.38	0.36	0.15	0.26	...	...	13	?	9.70	?	1.08	10.93	?	Dumkal.			
0.08	0.80	...	0.05	0.20	0.63	0.37	...	0.14	0.02	13	15.30	8.47	9.83	2.04	20.57	24.22	Narail	Jessore.		
0.04	0.06	0.04	0.12	0.76	0.30	0.12	...	...	0.06	14	17.53	8.88	11.63	1.40	15.87	22.76	Jessore.			
0.15	...	0.31	...	0.31	0.66	0.15	0.70	0.20	0.11	15	16.10	6.91	10.61	0.66	18.06	26.66	Jhemda			
0.38	...	0.10	0.03	0.56	0.56	0.46	0.18	0.10	...	15	16.48	6.80	10.96	1.11	16.74	24.63	Mugura			
0.56	...	0.07	0.95	3.80	0.09	0.04	0.33	...	...	16	17.65	10.26	12.35	8.80	18.08	27.39	Satkhera	Khulna.		
0.20	0.71	...	0.21	1.23	0.61	0.41	0.23	0.17	0.22	10	18.80	8.99	14.63	1.20	16.47	32.73	Bagerhat.			
0.14	0.25	0.11	0.70	0.20	2.10	0.90	0.08	0.04	0.10	21	18.37	13.41	12.23	2.10	17.59	28.46	Khulna.			
0.08	...	...	1.20	3.40	...	...	...	...	...	10	?	14.08	?	3.40	24.30	?	Kuliganj.			
0.07	...	0.14	2.30	0.07	0.03	...	...	0.33	...	10	15.27	8.66	12.63	2.80	18.98	28.55	Nakipur.			
1.06	1.02	0.07	1.02	2.08	0.05	0.02	...	0.05	...	11	?	14.23	?	2.68	23.78	?	Dumuria.			
0.43	0.32	0.24	3.50	0.56	0.50	0.16	...	0.40	...	17	16.00	11.03	13.71	3.50	22.94	29.70	Rampal.			
0.32	0.12	...	...	1.88	0.08	0.12	...	...	...	17	?	8.89	?	1.88	19.42	?	Katarua.			
0.43	0.33	0.13	0.7	3.94	...	0.21	0.06	...	0.11	18	?	16.73	?	3.94	24.44	?	Pashgachha.			
0.04	0.60	...	0.05	0.82	0.38	0.67	0.33	1.31	...	17	?	13.60	?	1.86	25.06	?	Mollahat.			
0.21																				



Table of Rainfall recorded at station

Station.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Shahabad	Hazar	0.90	0.39	0.64	0.78	0.08	0.44	1.06	0.33	0.07	0.02	0.16	0.17	0.49	0.03	...	...	0.47	...	...	
	Dabri	0.83	0.39	0.62	...	...	0.28	1.07	...	0.54	0.06	...	0.14	0.08	0.14	...	...	...	...	...	
	Shahua	1.03	0.15	1.24	...	...	0.01	0.13	0.14	0.08	0.06	0.43	0.64	0.23	0.03	...	0.03	...	...	0.50	
	Waran	0.77	0.19	2.23	...	...	...	1.90	0.68	0.35	0.70	0.15	0.73	2.80	0.05	...	...	...	...	...	
	Arroh	0.05	0.06	...	0.36	...	...	...	...	1.11	0.20	...	...	...	...	...	...	...	...	0.70	
	Mohana	0.93	...	3.12	...	...	...	...	...	0.69	0.67	0.23	0.22	1.98	...	...	...	...	...	...	
	Agson	0.66	1.09	...	...	...	0.23	0.87	...	0.69	0.70	0.40	0.70	0.25	...	...	...	...	...	...	
	Ramnagar	0.35	...	0.21	0.10	1.35	2.15	...	0.16	0.08	0.70	0.40	0.70	0.25	...	...	0.30	...	...	...	
	Koath	0.27	0.04	...	...	...	0.71	4.14	...	0.08	1.16	0.78	1.44	1.50	...	...	...	0.15	...	...	
	Skroul	1.30	0.08	...	0.07	...	0.50	2.40	...	0.03	1.20	0.14	0.26	0.90	...	...	...	3.00	...	...	
	Basowan	0.02	...	4.60	0.02	...	...	...	...	0.02	...	0.05	0.03	0.06	1.11	...	...	...	...	...	
	Monahpur	1.31	0.09	0.04	0.02	0.30	...	0.82	...	0.01	0.08	0.55	0.31	0.48	0.02	...	...	3.33	...	...	
	Akherpur	0.68	0.49	0.25	0.41	...	1.12	0.60	...	0.40	...	...	...	0.03	0.41	...	...	...	...	0.72	
Saran	Gopalpur	...	...	0.32	0.38	...	...	0.18	0.15	...	0.97	0.45	1.96	1.32	0.33	1.64	0.08	1.74	0.33	...	
	Siwan	...	...	...	...	...	0.11	0.04	...	...	0.70	0.87	1.19	1.27	1.64	1.64	...	0.09	...	...	
	Kama	0.35	0.04	...	0.18	...	...	...	0.23	0.10	2.83	0.35	0.13	7.63	0.44	...	...	3.31	0.09	...	
	Chapra	0.30	0.05	...	0.30	...	...	0.05	...	0.40	0.60	2.50	2.40	1.20	4.50	0.60	...	...	1.15	0.18	
	Hathua	...	0.01	...	...	...	...	0.35	0.03	0.95	0.21	1.00	3.04	1.75	1.33	2.08	...	0.08	0.21	...	
	Amnor	0.30	...	...	...	...	...	...	...	2.00	1.00	2.00	1.00	...	1.10	0.70	0.97	...	...	...	
	Basantpur	...	...	0.47	0.20	...	4.35	...	...	0.90	0.95	2.60	1.44	1.30	1.75	0.80	...	0.90	...	...	
	Darauli	0.79	0.14	0.04	...	...	...	0.64	0.59	1.83	1.61	1.13	2.00	2.66	0.31	...	...	0.35	...	...	
	Bhoreh	...	0.17	...	...	...	1.00	0.37	0.38	...	1.47	2.11	2.03	3.23	2.03	...	...	0.43	...	0.59	
	Sripur	0.12	0.18	...	0.15	...	0.10	1.30	0.03	0.06	1.30	2.60	1.19	1.43	1.55	0.69	0.30	1.18	...	...	
Quampanan	Motihari	0.42	0.06	0.10	0.29	...	1.65	0.11	...	0.95	0.07	1.23	0.49	1.64	1.70	0.40	0.70	3.22	...	0.35	
	Hettiah	0.30	0.17	0.04	0.62	...	3.20	0.52	...	...	0.52	2.31	0.91	1.11	0.59	0.78	1.00	0.53	...	...	
	Bagaha	...	0.80	...	...	...	0.54	0.09	...	...	0.14	0.39	3.00	2.00	0.19	0.58	0.31	3.45	0.35	0.71	
	Burhurwa	0.25	...	...	...	...	0.36	...	...	...	1.78	1.29	1.26	0.29	0.39	1.42	...	1.45	0.43	...	
	Ramnagar	0.16	0.13	...	...	...	0.05	...	...	...	0.35	2.20	0.93	0.64	0.85	0.26	2.00	0.33	...	...	
	Narkatigang	0.13	0.42	...	0.28	...	...	...	...	1.00	4.10	2.10	1.09	0.93	0.70	2.33	1.22	...	...	...	
	Kissoriah	1.00	...	...	...	...	0.24	...	...	...	0.28	0.68	0.97	0.60	1.00	0.06	...	1.35	...	...	
	Dhanaha	1.63	...	0.10	0.40	0.38	0.73	...	...	0.50	3.44	1.92	0.36	0.37	0.64	0.23	2.13	...	...	...	
Musaarpur	Sitamarhi	0.33	0.35	0.69	0.04	...	4.19	0.02	0.16	0.11	0.03	1.80	0.81	1.95	0.77	0.13	0.27	0.81	0.69	0.97	
	Musaarpur	0.36	...	...	...	...	0.08	0.13	5.40	1.75	1.08	1.30	0.20	3.02	3.15	...	0.47	...	...	...	
	Hajipur	0.24	0.02	...	...	0.20	...	...	0.55	0.05	0.80	0.80	1.20	5.02	0.65	...	...	0.55	...	0.66	
	Paru	0.26	...	...	...	...	0.22	...	0.23	...	0.04	1.63	1.35	1.80	1.50	...	...	3.10	...	...	
	Mahua	...	...	0.03	...	1.40	0.44	...	...	2.75	0.82	0.50	1.41	1.02	0.36	0.62	...	...	...	...	
	Shitihar	0.35	...	...	...	...	3.70	...	...	1.55	0.28	0.70	0.96	0.70	1.20	0.07	0.10	2.23	...	...	
	Papri	0.64	0.63	0.45	...	...	1.15	...	0.90	0.10	...	1.30	0.28	0.62	0.20	0.10	0.30	0.16	...	...	
Darbhanga	Tajpur (Sama-	0.85	0.24	...	...	...	0.28	0.04	...	0.03	2.41	2.13	0.64	1.77	1.22	...	0.26	...	...	...	
	Upur)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Darbhanga	1.12	0.08	...	...	...	0.09	0.18	0.27	2.24	1.17	1.77	1.55	1.21	1.78	...	2.64	1.02	...	...	
	Madhubani	0.85	0.14	0.12	...	...	0.83	1.23	0.63	...	0.69	0.07	0.43	0.23	0.31	0.23	3.64	0.50	0.05	...	
	Bahera	0.70	0.03	0.07	...	...	0.74	0.40	0.30	1.04	0.79	1.59	0.05	2.57	1.26	...	0.25	1.70	...	...	
	Roshera	1.77	0.30	0.49	...	...	...	...	0.37	...	5.16	1.45	0.67	5.20	0.61	...	...	...	...	...	
	Khutonia	0.24	0.16	0.30	...	...	1.20	...	0.47	...	1.81	0.34	0.51	1.59	0.47	3.40	3.54	0.35	0.39	...	
	Ladania	...	0.23	...	...	...	3.67	0.10	0.40	...	1.27	0.53	0.33	1.23	1.29	0.57	3.00	...	0.70	...	
	Laukahi	0.23	...	...	...	...	2.03	...	...	2.03	1.03	0.73	1.40	1.73	0.88	1.08	2.33	...	...	...	
Monahyr	Begusarai	0.36	...	0.07	...	0.61	...	0.03	0.70	...	2.10	0.80	0.06	1.66	0.26	...	...	...	...	0.07	
	Monahyr	0.49	0.23	0.28	...	0.04	...	0.48	0.08	0.01	0.48	0.81	0.23	1.06	0.12	0.01	...	...	...	...	
	Jamui	1.01	...	...	...	0.90	0.10	0.99	...	0.08	0.49	1.30	1.44	1.30	1.34	...	...	0.06	...	0.10	
	Gosri	1.22	0.30	...	...	...	...	...	...	1.72	...	1.30	1.44	1.12	0.70	...	0.35	...	...	0.18	
	Jamulpur	0.28	0.05	0.45	...	...	...	0.07	...	0.03	0.22	1.52	0.30	0.63	0.49	...	0.17	...	...	...	
	Shankhpura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Chakri Ramda	0.43	0.03	...	...	0.24	...	0.38	0.55	0.26	...	...	0.16	1.18	0.45	...	...	0.13	...	...	
	Ohupoon	0.34	0.05	...	...	...	...	...	0.56	...	3.61	1.00	0.19	2.60	0.06	0.25	0.95	...	...	...	
	Gidhar	0.40	...	...	...	0.85	1.35	0.63	...	...	0.11	1.46	0.40	0.55	1.16	...	0.15	...	...	...	
	Kharagpur	0.10	1.39	...	...	...	...	...	...	...	3.77	0.31	...	1.59	...	0.28	0.04	0.40	...	...	
Shahapur	Madhipura	0.14	0.31	0.11	...	0.23	0.59	...	2.25	0.10	1.50	0.62	0.09	1.35	4.91	0.08	0.30	...	...	...	
	Hangoo (By-	...	...	...	...	...	...	...	...	1.45	3.90	1.00	...	1.45	3.70	...	2.35	...	...	...	
	bad)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Supaul	1.38	0.44	0.10	...	0.17	1.08	...	3.08	0.90	3.00	0.27	1.30	1.94	1.22	0.24	0.11	...	...	0.09	
	Pratapganj	0.66	0.50	0.05	...	0.60	1.50	0.15	0.42	1.15	3.23	0.21	0.25	1.91	3.30	0.54	0.17	0.06	...	...	
	Shahapur	0.07	0.35	0.79	...	...	...	...	...	0.63	0.04	2.23	1.21	0.90	0.37	...	...	0.33	...	0.07	
	Ranka	0.23	0.13	...	...	...	...	...	...	0.08	0.04	0.46	0.19	0.79	1.05	...	...	...	...	0.08	
	Oelgang	0.30	0.49	0.61	...	...	...	...	...	...	0.27	0.90	2.33	0.74	1.19	...	...	...	...	...	
	Hanell	0.50	0.63	0.17	...	...	...	...	0.23	0.61	0.85	0.30	0.26	...	0.61	...	...	1.21	0.06	0.62	
Darjeeling	Shiguri	0.57	0.73	...	0.03	0.71	6.55	1.00	3.88	1.46	3.64	1.63	1.47	0.43	1.70	0.57	3.55	0.17	1.03	2.83	
	Darjeeling	2.14	0.68	0.66	0.04	0.11	1.09	0.04	2.47	1.07	1.15	0.92	0.73	1.09	1.89	0.47	1.07	0.17	0.59	0.13	
	Kalimpong	1.75	0.68	0.90	...	...	2.42	0.64	1.42	1.00	0.35	1.85	0.65	3.14	1.78	1.71	0.67	...	...	0.13	
	Monpong	1.24	1.31	0.40	0.03	...	3.52	0.07	2.61	1.55	3.65	1.40	1.23	6.05	1.77	0.63	2.22	0.05	0.04	1.45	
	Kurseong	1.43	0.51	0.18	1.05	1.90	7.40	0.02	1.80	1.64	3.43	1.90	1.04	3.42	1.55	1.06	3.26	0.57	1.50	1.22	
	Pedong	1.23	0.84	0.12	0.28	0.02	1.31	0.05	1.23	0.98	1.03	1.44	0.94	1.25	0.36	0.06	0.41	0.57	0.23	1.20	
Tibet	Yatung	0.49	0.85	0.13	...	0.15	0.60	0.06	0.15	0.16	0.49	0.04	0.28	0.43	0.25	...	0.12	0.07	0.23	0.10	
Purnea	Kishanganj	1.40	1.39	0.93	...	...	2.27	...	0.80	0.18	2.99	0.49	0.20	0.35	1.80	2.90	0.54	0.12	...	2.30	
	Araria	1.32	0.80	0.77	0.76	1.64	3.00	...	...	0.05	4.53	0.03	0.10	0.67	1.90	4.50	0.55	0.03	...	...	
	Purnea	0.65	0.11	0.16	0.04	...	...	...	...	1.23	...	1.15	0.35	1.81	0.59						



Bengal in July 1906—continued.

22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rain-fall for the month.	Heaviest rain-fall during the month.	Total rainfall from 16th May to 31st July 1906.	Average rain-fall from 16th May to 31st July 1906.	Station.	District.	Division.	Meteorological Division.
0.08	0.35	...	...	0.28	0.25	0.60	0.44	0.08	0.23	17	14.39	13.16	11.73	4.60	17.14	17.58	Buzar	Shahabad.	Patna—continued.	Bihar—continued.
0.25	0.03	...	...	0.94	0.76	1.16	0.33	0.14	0.57	18	14.73	13.06	11.64	2.76	18.07	18.76	Dabri	Shahabad.		
0.30	0.07	...	1.18	0.45	0.52	0.15	0.95	0.42	0.25	15	13.71	9.75	12.38	2.15	15.93	18.13	Rhabhua.	Shahabad.		
...	...	...	...	0.60	1.30	...	...	...	0.40	9	11.14	8.33	13.80	3.13	...	21.35	Sasaram.	Shahabad.		
...	0.19	...	0.22	...	1.90	0.55	0.03	0.04	0.80	15	12.33	11.44	13.76	1.98	16.36	23.39	Arrah.	Shahabad.		
...	...	...	...	1.00	0.75	0.15	0.03	0.03	2.60	16	14.00	12.29	13.15	3.60	16.94	20.66	Agesson.	Shahabad.		
...	0.07	...	...	0.07	1.00	0.80	0.14	0.18	...	13	14.33	13.16	13.18	4.14	17.80	19.39	Ramnagar.	Shahabad.		
...	0.21	...	...	0.08	0.01	1.05	0.37	0.04	0.58	14	15.33	13.70	11.44	2.40	18.07	17.31	Koath.	Shahabad.		
...	0.08	...	...	0.11	0.81	1.65	0.13	0.16	0.45	10	13.44	9.97	14.04	4.50	20.64	20.11	Sikrool.	Shahabad.		
...	0.05	...	...	1.83	0.60	1.06	0.08	0.05	0.06	10	14.11	10.41	13.10	3.33	19.40	19.10	Hassowan.	Shahabad.		
...	...	...	...	0.34	2.60	2.35	0.79	0.32	...	15	?	13.14	?	3.00	?	?	Monaharpur.	Shahabad.		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Akberpur.	Shahabad.		
...	0.20	...	...	0.15	...	...	0.30	0.55	2.44	15	13.98	14.05	13.88	2.42	17.64	20.37	Gopalganj	Saran.		
...	...	...	...	0.64	0.84	0.27	0.71	2.04	...	17	14.19	14.43	11.83	2.84	18.46	20.05	Siwan.	Saran.		
...	...	...	...	0.62	1.86	0.41	0.03	0.81	0.89	17	11.71	20.55	10.46	7.53	25.87	19.86	Ikma.	Saran.		
...	...	...	...	...	1.00	0.20	0.10	0.05	1.16	14	14.33	15.44	11.39	4.20	23.39	18.80	Chhapra.	Saran.		
...	0.15	0.08	...	...	0.60	...	...	0.35	1.30	13	13.75	11.84	10.38	3.04	21.35	?	Nathua.	Saran.		
...	...	...	...	...	1.19	0.57	0.50	0.25	0.60	17	12.60	10.38	12.28	2.00	16.31	22.41	Amnor.	Saran.		
...	...	...	...	...	0.51	0.83	0.57	2.85	2.85	18	?	22.00	?	4.25	20.45	21.51	Basantpur.	Saran.		
...	...	...	...	...	0.80	...	0.06	1.16	1.86	15	?	18.00	?	2.89	24.33	?	Darauli.	Saran.		
...	...	...	...	...	...	...	0.18	0.30	1.15	18	?	14.65	?	3.28	21.40	?	Bhorah.	Saran.		
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Table of Rainfall recorded at stations

Division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
ORISSA.	Sambalpur	Sambalpur	0.07	2.13	0.54	0.08	0.17	0.14	1.55	0.39	0.12	1.89	1.63	0.33	0.30	0.21	0.07	0.08	...	...	
		Bargarh	0.14	1.47	1.19	0.05	0.46	0.21	0.37	0.81	0.30	0.05	0.01	0.59	0.35	0.28	0.31	0.00	0.01	...	
		Padampur (Barasabar).	0.05	0.44	0.44	0.16	0.07	...	0.30	0.38	...	0.80	0.73	...	0.25	...	0.30	...	0.14	0.20	
		Bhawanipatna	0.70	0.18	...	...	...	...	0.50	0.41	1.00	...	...	0.37	...	0.03	0.10	0.10	0.27	0.04	1.00
	Uda Pauda- tory States.	Bolangir	0.38	0.19	0.12	...	...	0.60	1.10	0.33	0.25	...	...	1.44	0.61	0.08	0.07	...	0.51	...	...
		Bonpur	0.20	0.16	0.02	...	0.18	...	0.32	0.30	...	1.40	0.19	0.09	...	0.41	0.05	...	...	0.10	
		Rampur	0.44	1.01	0.00	...	0.34	0.64	0.75	0.10	0.40	...	0.10	...	0.85	...	...	...	0.15	0.19	
		Dongkur	0.30	0.44	0.04	...	...	1.57	0.89	0.80	0.23	1.35	0.58	0.37	1.58	...	...	...	0.28	0.21	
	Orissa.	Ganapuri	1.63	0.14	0.24	...	1.07	0.69	0.33	0.96	...	...	0.06	0.58	...	...	1.40	0.03	0.11	...	
		Bonaigurih	0.92	0.75	0.53	...	0.29	...	0.80	0.14	1.35	0.82	...	...	1.23	...	...	...	1.93	0.10	...
		Jagatsingpur	...	0.40	...	...	1.15	...	...	3.66	...	...	0.30	...	...	...	...	0.80	...	0.06	0.03
		Barki	...	0.41	0.89	...	...	...	...	0.46	0.71	...	...	0.63	0.03	...	...	0.39	0.03	0.16	1.03
	Orissa.	Outback	0.05	0.15	0.68	...	...	0.80	...	0.25	1.37	0.18	...	...	...	0.33	...	...	0.04	0.08	0.05
		Palas Point	...	...	...	...	0.37	...	...	0.08	0.05	...	...	...	0.53	...	...	...	...	0.07	0.02
		Kandrapara	0.10	...	0.70	...	...	0.02	...	0.21	0.21	1.58	0.31	...	0.59	...	...	...	0.80	0.07	0.02
		Jajpur	0.03	0.03	...	...	...	0.08	...	0.56	0.15	0.27	...	0.02	...	0.02	...	0.83	0.05	0.28	1.33
	Orissa.	Dharmala	0.07	0.01	...	...	0.05	...	0.46	0.17	0.28	...	...	0.36	...	...	0.75	...	0.23	0.23	0.21
		Salepur	...	...	0.29	...	...	...	...	...	...	1.03	0.31	...	1.48	...	...	...	0.21	0.10	...
		Akhyapada	0.37	0.60	...	...	...	0.54	...	1.72	0.22	...	...	...	...	...	...	0.62	0.01	0.50	0.31
Chandball		...	0.07	...	...	...	...	...	0.70	0.00	0.67	0.91	...	...	0.60	...	0.17	...	...	...	
Orissa.	Bhindrak	...	0.20	...	0.10	0.12	...	...	0.30	0.09	0.08	...	...	0.30	0.11	...	0.03	0.14	0.10	0.40	
	Boro	...	0.18	0.23	...	0.40	...	...	0.36	...	...	...	...	...	...	...	0.03	0.31	0.10	0.42	
	Balasore	...	...	...	...	...	1.32	0.11	...	...	...	...	...	...	0.82	...	0.80	0.15	0.09	0.04	
	Jalinsore	...	0.12	...	...	...	...	0.17	0.02	...	...	...	...	0.25	0.53	0.11	0.52	...	0.35	...	
Orissa.	Balipal	...	0.10	...	0.10	0.23	...	0.03	...	...	...	...	...	0.01	0.24	...	0.03	...	0.10	...	
	Bram (Basa- dabpur).	0.40	...	0.17	0.16	...	...	...	0.14	...	...	...	0.44	0.20	...	...	...	...	0.14	1.45	
	Turigarua	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Banuth	...	0.10	...	...	1.00	0.69	...	0.12	0.10	0.30	...	...	...	0.20	0.20	...	0.05	0.30	0.20	
Orissa.	Angul	0.05	0.70	0.53	...	...	0.46	...	0.09	0.08	0.13	...	...	...	0.34	0.61	...	0.03	0.09	0.04	
	Bisnigara	0.18	0.06	0.18	...	...	0.61	...	0.09	0.08	1.30	0.01	0.40	0.03	0.21	...	0.08	0.01	...	0.33	
	Chhendipada	...	0.43	0.10	0.10	1.04	...	0.60	0.48	1.50	...	1.41	0.19	...	...	0.39	0.43	0.33	0.50		
	Therpara	0.11	...	...	...	...	0.04	0.46	0.31	1.01	0.21	0.43	1.76	...	0.14	...	0.08	1.00	0.30		
Orissa.	Balandapara	0.30	0.46	0.08	...	...	...	0.34	0.41	1.05	0.06	0.75	0.14	0.18	0.73	0.08	0.52	0.07	0.17	0.04	
	Baramba	0.23	0.01	0.31	...	...	...	1.08	0.11	1.03	0.58	0.37	0.63	0.04	2.12	...	2.55	0.22	...	0.40	
	Kunjahongarh	0.61	1.03	...	...	0.08	...	0.12	0.40	0.22	1.38	...	0.32	0.20	...	0.05	0.58	0.15	0.21	1.03	
	Dhenkanal	...	0.58	0.47	0.03	...	...	0.10	1.09	0.60	0.08	0.19	0.46	0.11	0.10	...	0.29	0.07	...	0.07	
Orissa.	Baisigala	...	...	...	...	...	0.40	0.19	0.21	2.53	0.23	...	1.07	0.50	0.21	...	0.04	0.30	0.41	...	
	Konjhar	...	...	0.95	0.13	0.07	...	0.17	0.33	...	0.15	0.07	0.18	0.37	...	...	1.01	0.44	0.07	0.03	
	Anandapur	...	...	...	0.10	1.10	...	...	1.05	1.40	...	...	...	0.08	0.29	...	...	...	...	...	
	Naripada	0.30	0.02	...	...	0.25	...	...	0.08	...	...	...	...	0.02	0.41	0.60	0.06	...	0.52	0.30	
Orissa.	Karavila	0.44	...	0.18	...	...	...	...	2.20	...	...	...	...	0.15	...	0.53	...	...	...	1.01	
	Nayagarh	...	...	...	0.45	0.15	0.66	0.28	0.00	2.40	...	...	...	...	...	...	0.36	...	0.50	0.36	
	Nayagarh	...	...	...	1.11	0.76	...	0.13	...	1.07	0.42	...	0.78	1.94	...	0.07	0.21	0.08	0.40	...	
	Pal Lahera	1.05	0.92	0.38	...	...	0.28	0.65	0.88	0.62	0.69	...	1.12	1.18	0.36	...	...	1.16	0.96	0.90	
Orissa.	Ranpur	0.10	...	0.07	...	...	...	...	0.12	1.30	0.44	...	...	...	...	...	...	0.07	1.16	0.96	
	Talcher	...	0.41	0.12	0.03	0.88	...	0.14	0.05	1.69	0.11	0.10	0.11	1.80	...	...	...	0.10	0.34	0.66	
	Atmatika	...	0.38	0.31	...	...	1.13	0.42	0.63	1.74	0.63	...	0.02	0.22	...	0.11	...	0.13	...	...	
	Hindol	0.28	0.47	0.01	...	0.01	0.15	0.11	1.11	1.53	...	0.28	0.10	0.56	...	0.02	0.20	0.12	0.43	...	
Orissa.	Bad	0.23	0.40	...	...	...	...	0.30	0.24	0.03	0.09	0.10	0.64	...	0.25	0.04	0.01	0.12	0.08	...	
	Niguri	...	...	...	...	1.08	...	0.38	0.08	0.41	...	...	0.11	0.21	0.31	...	0.70	0.05	1.03	...	
	Athgarh	...	0.13	1.32	...	...	...	...	1.00	1.87	0.84	0.17	0.63	0.06	...	...	0.14	...	0.41	...	
	Puri	0.13	...	0.01	...	...	...	...	0.30	...	...	...	...	...	...	...	...	0.16	0.04	0.97	
Orissa.	Khurda	...	0.06	1.13	...	...	...	1.50	0.10	0.90	0.02	...	...	...	...	...	...	...	...	0.31	
	Bhanpur	...	...	...	0.01	1.16	0.02	0.41	1.06	0.80	...	...	...	0.35	0.09	0.18	...	0.21	0.55	...	
	Gop	0.03	...	0.07	...	...	...	0.81	0.42	...	...	...	...	...	...	...	...	0.25	0.31	...	
	Satpara	...	0.11	...	...	...	...	...	0.10	...	...	...	...	...	...	...	...	...	...	2.27	
Orissa.	Pipli	0.23	0.28	0.62	...	...	0.20	0.12	0.84	0.62	0.60	...	...	...	...	...	...	1.00	0.31	0.31	
	Konua	0.15	0.40	...	...	...	...	0.72	1.18	...	...	...	...	...	...	...	...	...	...	1.71	
	Pachanta (Giridih).	1.11	1.23	...	...	...	...	0.00	0.06	...	0.56	...	0.30	1.40	0.14	...	0.02	1.63	...	...	
	Hazaribagh	0.38	0.38	0.17	...	...	0.14	0.36	...	0.24	0.39	0.17	0.80	0.95	...	...	...	0.19	...	...	
Orissa.	Barmi	0.39	...	...	...	...	...	0.25	...	...	0.25	...	...	1.45	0.06	...	...	...	...	...	
	Chitra	1.01	...	...	...	0.25	1.65	...	0.10	...	0.03	0.22	0.07	0.43	0.03	...	0.03	...	...	...	
	Kharagdiha	...	0.23	...	...	...	...	0.29	...	...	...	0.81	...	...	...	...	0.48	...	...	...	
	Ramgar	...	...	...	...	...	...	...	...	...	...	...	0.40	...	...	...	...	...	...	...	
Orissa.	Kodomo	0.42	0.12	...	...	...	0.40	0.15	...	...	...	...	0.05	0.30	1.70	0.21	...	0.15	...	...	
	Bogadi	0.10	...	...	...	...	...	0.16	0.70	0.10	...	...	...	0.00	0.80	...	...	...	1.80	...	
	Banchi	0.09	0.06	...	...	...	0.03	2.48	0.48	2.52	0.04	...	...	...	0.57	...	...	...	...	0.33	
	Banchi	0.16	0.09	0.36	...	...	0.09	0.04	1.93	0.10	...	0.31	...	0.16	0.10	...	0.24	0.13	...	...	
Orissa.	Sili	0.47	0.43	...	...	...	0.05	0.25	0.77	1.77	...	...	...	...	0.79	1.22	...	2.73	0.27	...	
	Palakot	0.43	0.50	...	...	0.70	1.53														

Bergal in July 1906—concluded.

22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rain-fall during the month.	Total rainfall from 16th May to 31st July 1906.	Average rain-fall from 16th May to 31st July 1906.	Station.	District.	Division.	Metereological Division.
0.29	0.27	0.13	0.17	0.46	2.79	0.41	0.02	0.05	1.03	23	10.50	30.89	19.87	2.70	28.42	33.65	Sambalpur ...	Sambalpur.		
0.52	0.79	0.23	0.03	0.70	2.29	0.44	0.00	...	0.32	21	15.00	13.33	16.87	2.20	19.37	26.24	Bargarh.	Sambalpur.		
4.00	0.82	0.11	...	0.70	2.21	0.40	...	...	...	30	...	14.88	...	4.00	17.86	?	Padampur.	Sambalpur.		
																	(Baranagar)			
4.85	0.70	0.09	0.70	0.50	0.27	0.02	0.40	0.01	...	18	?	18.71	?	4.85	26.95	?	Bhawaniptana.	Uria Poudatory		
0.40	0.34	0.01	...	1.06	1.85	0.13	0.31	0.07	0.13	19	?	19.72	?	0.40	24.97	?	Bolengir.	Uria Poudatory		
0.07	...	...	...	3.95	0.61	...	0.80	0.08	...	14	?	12.68	?	0.07	17.05	?	Sonepur.	Uria Poudatory		
0.68	0.85	0.06	0.07	0.40	3.28	0.47	0.10	0.00	0.15	20	?	12.38	?	0.68	17.85	?	Rampur.	Uria Poudatory		
...	0.58	0.19	0.13	1.15	3.00	0.18	0.25	0.10	0.15	23	?	15.93	?	...	25.38	?	Deoghur.	Uria Poudatory		
0.38	0.17	0.43	0.60	3.05	1.63	0.27	0.02	2.01	0.77	19	18.78	18.07	17.33	3.05	25.41	26.32	Gangpur.	Uria Poudatory		
0.03	0.03	0.24	1.74	0.40	2.77	0.05	...	0.03	0.62	17	?	14.06	?	0.03	19.07	?	Bonaigurb.	Uria Poudatory		
0.02	0.00	0.02	0.50	0.12	...	1.23	1.18	0.02	0.30	13	13.03	11.22	12.01	3.86	22.13	22.00	Jagatsingpur	Outback.		
4.63	0.16	...	0.03	0.09	0.90	...	0.49	0.03	...	14	16.28	12.87	10.88	4.63	24.98	22.35	Hanki.	Outback.		
1.69	0.04	...	0.05	0.19	0.86	...	0.48	0.01	0.48	15	10.13	9.01	12.06	1.90	21.28	25.79	Outback.	Outback.		
1.05	...	0.23	0.12	0.23	...	...	0.43	0.37	...	9	14.90	4.30	13.71	1.05	11.82	26.12	False Point.	Outback.		
0.35	0.34	0.08	0.05	0.32	0.02	0.06	0.35	0.23	0.07	13	14.03	7.48	11.75	1.58	16.28	24.31	Kondrapara.	Outback.		
1.10	...	...	0.15	0.44	0.25	...	...	0.11	...	13	14.50	7.06	12.73	1.07	19.00	26.10	Jajpur.	Outback.		
...	...	...	0.40	0.25	0.13	...	...	0.07	...	15	16.13	7.88	11.00	1.50	19.30	25.84	Dharmasala.	Outback.		
1.73	0.05	...	0.04	0.20	...	0.34	...	...	0.05	11	14.40	0.34	10.21	1.73	16.80	23.95	Salepur.	Outback.		
1.02	0.35	0.52	0.09	0.37	0.17	...	0.16	0.09	1.16	15	13.03	9.14	10.88	1.72	24.03	23.71	Akhyapada	Balasore.		
0.62	0.70	0.06	0.12	0.60	0.11	0.93	0.14	...	...	14	14.50	10.41	12.24	3.07	14.92	23.03	Ohandali.	Balasore.		
0.86	0.69	0.19	0.14	0.74	0.13	0.10	0.29	0.28	0.02	20	13.84	7.91	12.21	2.12	18.63	25.30	Bhadrah.	Balasore.		
0.93	0.70	0.80	1.45	...	...	...	0.15	0.00	...	15	14.04	8.09	11.73	1.45	20.45	24.46	Soro.	Balasore.		
0.85	0.21	0.23	1.07	...	...	...	0.34	...	...	12	14.04	10.68	11.76	3.88	21.50	25.31	Balasore.	Balasore.		
0.92	0.42	...	0.31	2.25	0.91	...	0.35	0.03	...	15	14.25	7.96	13.94	2.21	22.67	24.71	Jullasore.	Balasore.		
0.63	0.66	...	0.32	1.86	0.33	...	0.40	0.08	...	13	?	5.90	?	1.80	?	?	Baliapal.	Balasore.		
0.64	...	0.20	2.70	0.05	...	...	0.83	0.04	...	14	?	9.05	?	2.70	?	?	Kyam (Basu- debpur).	Balasore.		
																	Turigaria.	Balasore.		
																	Banuth.	Balasore.		
0.40	0.30	...	0.10	0.50	...	...	...	1.50	...	18	?	9.78	?	3.12	?	?				
1.40	0.85	0.56	...	0.12	2.56	...	...	...	0.20	15	15.00	12.84	11.07	2.56	16.28	22.52	Ankul	Angul.		
2.94	0.10	0.01	...	2.02	1.74	0.07	0.44	0.04	0.01	14	16.00	14.07	13.27	3.07	10.74	24.23	Hispipara.	Angul.		
0.62	...	...	...	0.44	2.90	0.60	0.91	...	...	20	?	14.03	?	2.90	21.45	?	Chandipada.	Angul.		
0.35	0.15	0.14	0.32	1.12	0.60	0.25	0.37	0.35	0.14	22	?	15.36	?	3.10	?	?	Tikarpura.	Angul.		
4.06	0.37	0.03	0.04	2.44	3.71	0.19	0.40	0.10	...	10	?	18.54	?	4.06	?	?	Balandapara.	Angul.		
2.91	0.10	0.16	0.04	...	0.69	...	0.13	0.04	...	19	15.50	15.84	10.74	2.91	26.51	22.13	Baramba	Orissa Tribu- tary Mahala.		
0.17	0.02	0.26	0.32	1.45	...	0.08	...	0.76	0.04	19	14.30	10.23	11.20	3.21	27.13	21.03	Kunjabougur.	Orissa Tribu- tary Mahala.		
3.71	0.13	0.01	0.06	0.11	0.73	...	0.45	...	0.15	17	16.80	11.78	12.92	3.71	26.29	23.38	Dhenkanal.	Orissa Tribu- tary Mahala.		
0.98	0.17	0.33	...	0.13	1.65	0.06	0.04	...	...	18	?	11.39	?	2.55	21.87	?	Baisinga.	Orissa Tribu- tary Mahala.		
...	0.07	0.24	2.74	0.23	...	0.07	0.43	0.07	...	15	13.74	8.87	10.46	2.74	18.30	18.45	Keonjhar.	Orissa Tribu- tary Mahala.		
1.20	1.16	0.16	0.20	0.07	0.63	0.07	0.09	0.13	...	13	14.38	10.30	12.20	1.05	20.00	24.81	Anandapur.	Orissa Tribu- tary Mahala.		
1.18	0.15	0.02	0.35	4.80	0.90	...	0.30	0.10	...	13	17.50	10.78	12.89	4.80	23.83	26.43	Baripada.	Orissa Tribu- tary Mahala.		
...	...	...	0.10	0.03	0.66	...	0.30	0.10	...	12	?	7.77	?	2.80	15.10	?	Karungia.	Orissa Tribu- tary Mahala.		
0.46	...	...	0.10	1.03	...	0.35	...	...	...	15	14.50	10.78	9.63	4.07	26.29	19.91	Narainpur.	Orissa Tribu- tary Mahala.		
5.85	0.80	0.45	0.61	0.40	0.17	...	0.23	...	...	19	14.10	17.19	14.44	5.85	25.27	25.27	Nayagarh.	Orissa Tribu- tary Mahala.		
0.17	0.55	0.23	0.43	1.54	2.84	0.29	0.61	0.64	0.04	22	18.44	18.08	25.30	3.34	25.58	26.25	Pal Lahara.	Orissa Tribu- tary Mahala.		
7.42	0.19	...	0.43	0.30	0.30	...	0.75	...	2.75	16	15.13	10.97	11.25	7.42	29.17	22.12	Rampur.	Orissa Tribu- tary Mahala.		
0.72	0.10	...	0.25	1.71	0.27	0.14	...	1.87	0.15	23	10.70	12.46	13.43	1.71	10.05	24.63	Talcher.	Orissa Tribu- tary Mahala.		
2.91	0.18	0.13	0.04	0.78	2.10	...	0.01	...	0.01	19	?	15.07	?	2.43	?	?	Athmalik.	Orissa Tribu- tary Mahala.		
0.64	...	0.04	...	1.63	0.03	0.17	...	0.46	...	10	?	14.34	?	3.96	22.34	?	Hindol.	Orissa Tribu- tary Mahala.		
0.35	...	0.22	0.07	2.05	0.10	0.04	0.30	0.06	...	15	?	10.15	?	2.80	15.61	?	Boud.	Orissa Tribu- tary Mahala.		
1.80	0.47	...	0.38	0.79	0.11	...	...	...	0.91	16	?	10.04	?	1.60	21.21	?	Nigiri.	Orissa Tribu- tary Mahala.		
3.90	0.10	...	0.04	0.90	...	...	0.23	...	...	15	?	13.24	?	3.90	23.04	?	Athgurb.	Orissa Tribu- tary Mahala.		
0.80	0.02	...	0.24	0.59	0.21	...	0.16	...	0.01	9	11.74	6.12	9.76	3.45	21.40	19.41	Puri	Puri.		
1.93	0.30	...	0.20	0.08	0.20	0.09	0.25	1.55	...	16	16.28	14.30	13.81	2.40	25.24	24.28	Khurda.	Puri.		
3.43	0.05	...	0.11	0.29	0.27	...	0.79	0.23	...	16	12.68	14.30	10.02	3.43	20.93	19.28	Bhanpur.	Puri.		
3.65	...	...	0.16	0.19	0.30	...	0.15	...	...	11	12.80	0.32	10.98	2.53	19.21	21.74	Gop.	Puri.		
...	...	...	0.83	0.53	0.08	...	...	...	...	7	8.91	11.90	0.23	4.30	18.93	18.30	Satpara.	Puri.		
3.10	...	...	0.10	0.08	0.33	0.15	1.02	0.14	...	17	13.43	12.94	11.66	3.10	22.69	23.18	Piphi.	Puri.		
0.83	...	...	0.65	...	...	...	0.34	0.10	...	11	?	11.08	?	3.80	19.34	?	Kanas.	Puri.		
0.24	0.54	...	...	0.63	1.43	0.20	0.50	0.10	0.08	15	18.83	10.46	12.99	1.63	14.30	23.32	Pachamba	Hazaribagh.		
0.17	0.11	0.03	...	0.13	1.66	0.27	0.25	0.39	0.33	19	18.74	0.99	13.02	1.66	14.31	23.69	(Giridih)	Hazaribagh.		
0.11	...	...	...	0.49	1.49	0.65	0.11	...	0.11	11	15.03	6.08	13.47	1.49	13.17	21.05	Barhi.	Hazaribagh.		
0.10	0.03	0.02	...	0.38	3.44	4.13	0.41	0.03	3.43	13	17.33	16.37	10.22	4.12	21.30	26.13	Chatra.	Hazaribagh.		
...	...	...	1.80	1.12	0.26	...	0.84	1.21	1.15	10	16.23	7.98	14.88	1.80	25.23	24.09	Kharadilha.	Hazaribagh.		
0.07	0.20	...	...	0.20	2.50	0.12	0.46	0.12	0.37	15	?	7.76	?	2.00	14.14	?	Rampur.	Hazaribagh.		
0.15	0.05	...	...	0.30	0.20	1.30	0.37	0.40	0.30	14	?	7.52	?	1.80	14.98	?	Koderma.	Hazaribagh.		
0.10	0.07	...	1.35	3.63	5.72	0.93	...	...	0.28	12	17.59	10.71	12.51	5.72	24.88	23.10	Lohardaga	Ranchi.		
0.34	0.30	0.15	...	2.35	4.04	0.26	...	0.18	...	17	19.10	12.45	13.30	4.66	23.02	23.02	Ranchi.	Ranchi.		
0.47	0.36	0.02	...	0.45	5.33	0.42	...	0.08	0.27	14	14.64	16.02	15.37	0.35	23.65	23.65	Silli.	Ranchi.		
0.40	0.60	0.13	3.40	0.40	7.10	2.90	0.10	0.30	0.50	24	17.14	25.24	18.44	7.10	20.90	20.90	Palkot.	Ranchi.		
0.04	0.37	0.21	0.08	0.33	7.76	0.58	0.04	0.08	0.11	14	?	10.12	?	3.7						

## District Rainfall table of the Province of Bengal for the month of July 1906

METEOROLOGICAL DIVISION.	DIVISION.	DISTRICT.	DISTRICT OBSERVATIONS.									
			RAINFALL—									
			Of month.					Since 1st May 1906.				
			Mean of district.	Normal mean.	Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.
SOUTH-WEST BENGAL.	Burdwan	Burdwan ...	8.69	12.25	-3.56	12.40	15.46	15.10	25.37	-10.21	25.80	30.63
		Birbhum ...	11.48	12.40	-1.01	15.00	16.10	19.61	26.07	-6.46	26.17	31.67
		Bankura ...	14.54	15.29	+2.32	13.90	15.53	23.27	25.50	-3.53	25.71	30.56
		Midnapore ...	14.35	12.43	+1.92	14.44	14.72	24.03	25.56	-1.53	26.65	30.06
		Hooahy ...	10.30	12.03	-1.63	13.67	16.40	17.18	25.24	-8.16	26.07	32.37
		Howrah ...	12.83	11.53	+2.30	15.07	17.03	21.94	25.23	-3.30	30.37	33.53
	Presidency	24-Parganas ...	12.50	12.03	-0.43	14.88	16.61	21.93	26.87	-4.94	29.51	33.16
		Calcutta ...	12.09	12.31	+0.22	17.00	18.96	20.84	26.50	-5.46	29.00	35.53
		Nadia ...	7.06	10.26	-3.30	12.80	15.47	15.75	24.07	-8.33	27.90	28.63
		Murshidabad ...	9.07	10.90	-1.83	12.78	15.31	17.88	24.23	-6.41	26.67	31.43
Jessore ...		7.02	10.64	-3.62	14.00	16.08	17.52	26.10	-9.58	29.40	34.40	
Khulna ...		10.55	13.10	-2.55	19.00	17.80	18.02	29.37	-10.45	35.70	36.10	
BIHAR.	Patna	Patna ...	15.64	12.40	+4.24	14.17	14.87	24.29	21.28	+3.01	24.17	23.69
		Gaya ...	9.99	12.40	-2.41	13.49	14.19	14.64	19.76	-5.13	20.00	22.00
		Shahabad ...	11.23	12.03	-1.40	13.27	13.90	17.87	19.51	-1.64	21.42	22.56
		Baran ...	15.69	11.77	+3.92	14.29	13.34	21.82	20.62	+1.20	23.29	22.28
		Champaran ...	14.63	13.72	+0.91	16.25	13.83	23.86	24.63	-0.77	26.75	25.72
		Muzaffarpur ...	14.60	12.03	+2.66	14.80	12.03	22.74	20.65	+1.26	24.73	22.68
	Bhagalpur	Darbhanga ...	15.43	12.59	+2.84	16.00	13.24	24.97	21.49	+3.49	27.60	23.97
		Monghyr ...	10.74	13.33	-2.59	14.67	14.02	19.60	22.19	-2.53	26.11	24.66
		Bhagalpur ...	14.74	12.72	+2.02	16.86	14.75	26.67	23.13	+3.54	30.26	26.69
		Darjeeling ...	27.22	22.08	+5.14	24.33	24.74	61.51	61.26	+0.25	46.53	52.22
ORISSA.	Orissa	Purnea ...	20.79	15.16	+2.63	18.00	17.40	24.07	24.23	-0.15	23.57	23.19
		Sonthal Parganas ...	11.84	12.68	-0.84	17.08	15.07	19.77	24.03	-4.26	25.51	29.78
		Sambalpur ...	17.11	18.37	-1.26	22.00	17.55	23.90	29.45	-5.55	30.00	26.40
		Angul ...	14.26	12.17	+2.09	17.08	15.20	24.06	23.40	+0.66	23.63	29.65
		Cuttack ...	8.34	11.89	-3.55	13.00	14.79	19.07	24.66	-5.40	26.63	27.95
		Balasore ...	9.08	12.03	-2.97	15.16	14.03	14.03	24.26	-3.36	31.62	28.96
	Chota Nagpur	Puri ...	11.11	10.23	+0.88	13.00	12.64	20.04	20.43	-0.39	24.23	24.85
		Hazaribagh ...	9.88	14.33	-4.45	14.25	16.75	16.41	24.03	-7.62	23.05	28.53
		Ranchi ...	17.07	14.28	+2.69	15.00	17.61	24.23	26.03	-0.71	27.63	30.04
		Palamau ...	17.62	13.85	+3.77	16.25	16.01	23.66	21.41	+1.25	23.66	25.29
CHOTA NAGPUR.	Manbhum ...	10.44	12.80	-2.36	12.86	16.84	17.55	14.19	+3.66	24.15	30.90	
	Singbhum ...	18.15	15.07	+3.08	15.07	16.51	26.45	27.74	-1.29	29.95	31.91	



SUMMARY OF THE RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE MONTH OF JULY 1906.

Under the orders of the Government of India rainfall tables for the Province of Bengal will henceforth be issued from this Department.

DURING the month under review, rainfall was not equally distributed in all the divisions of the Province. Bihar and Chota Nagpur received an excess, while there was slight defect in South-West Bengal and Orissa. South-West Bengal received 94 per cent. of the normal, Bihar 104 per cent., Orissa 91 per cent. and Chota Nagpur 105 per cent. The total rainfall for the seven months to the end of July was 93 per cent. of the normal in South-West Bengal, 100 per cent. in Bihar, 92 per cent. in Orissa and 109 per cent. in Chota Nagpur. Full details of the rainfall in each district are given in the accompanying table day by day throughout the month.

The following table compares the falls in the various divisions during the month of July with the normal fall, the actual being given as a percentage of the normal. The table also shows the actual falls for each of the previous months of the year expressed in the same way, and the last column of the table shows the total of the falls of the past seven months of the year in each division expressed as a percentage of the normal fall:—

METEOROLOGICAL DIVISIONS.	January.	February.	March.	April.	May.	June.	July.	Actual rainfall of first seven months of 1906 expressed as a percentage of the normal fall for the period.
South-West Bengal ...	467	489	177	3	71	62	94	93
Bihar ...	81	424	113	6	73	88	104	100
Orissa ...	321	378	73	11	65	86	91	92
Chota Nagpur ...	376	693	192	3	58	68	105	109

The following table gives full data for the comparison of the actual and normal rainfall of the month of July in all districts in the Province:—

Percentage Table for July 1906.

DIVISION.	District.	Normal district rainfall for July.	Actual district rainfall for July 1906.	Percentage of actual to normal rainfall.	Percentage excess (+) defect (—).
South-West Bengal.	Burdwan ...	12.25	8.69	71	— 29
	Birbhum ...	12.49	11.48	92	— 8
	Bankura ...	12.22	14.54	119	+ 19
	Midnapore ...	12.43	14.35	115	+ 15
	Hooghly ...	12.02	10.39	86	— 14
	Howrah ...	11.53	13.83	120	+ 20
	24-Parganas ...	12.98	12.50	97	— 3
	Calcutta ...	12.31	12.69	103	+ 3
	Nadia ...	10.36	7.06	68	— 32
	Murshidabad ...	10.90	9.07	83	— 17
	Jessore ...	10.64	7.02	66	— 34
	Khulna ...	13.10	10.55	81	— 19
Bihar ...	Patna ...	12.40	16.64	134	+ 34
	Gaya ...	12.40	9.99	81	— 19
	Shahabad ...	12.69	11.23	88	— 12
	Saran ...	11.77	15.59	132	+ 32
	Champarni ...	13.72	14.63	107	+ 7
	Muzaffargarh ...	12.03	14.69	122	+ 22
	Darbhanga ...	12.59	15.43	123	+ 23
	Monghyr ...	13.33	10.74	81	— 19
	Bhagalpur ...	12.72	14.74	116	+ 16
	Darjeeling ...	32.08	37.22	116	+ 16
	Purnea ...	18.16	20.79	114	+ 14
	Sonthal Parganas ...	12.68	11.84	93	— 7

Percentage Table for July 1906—concluded.

Division.	District.		Normal district rainfall for July.	Actual district rainfall for July 1906.	Percentage of actual to normal rainfall.	Percentage excess (+), deficit (—).
Orissa	Sambalpur	...	18.37	17.11	99	— 1
	Angul	...	12.17	14.26	117	+ 17
	Cuttack	...	11.89	8.34	70	— 30
	Balasore	...	12.03	9.06	75	— 25
	Puri	...	10.23	11.11	109	+ 9
Chota Nagpur	Hazaribagh	...	14.33	9.88	69	— 31
	Ranchi	...	14.38	17.07	119	+ 19
	Palamanu	...	13.85	17.62	127	+ 27
	Manbhum	...	12.80	10.44	82	— 18
	Singhbhum	...	15.07	18.15	120	+ 20

The following table gives a summary of the rainfall data of the four divisions of the Province for the month of July 1906:—

METEOROLOGICAL DIVISIONS.	RAINFALL—							
	Of month.			Rainy days			Since 10th of May 1906.	
	Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
South-West Bengal	11.21	11.94	— 0.73	13.40	15.92	— 2.52	19.76	25.79
Bihar	13.52	13.05	+ 0.47	15.38	14.69	+ 0.69	21.83	23.26
Orissa	10.40	11.43	— 1.03	15.40	13.92	+ 1.48	20.58	23.25
Chota Nagpur	14.85	14.08	+ 0.77	15.04	16.55	— 1.47	22.09	24.77

WRITERS' BUILDINGS,

The 17th August 1906.

C. A. OGDHAM,

Director of Agriculture, Bengal.

## Vital Statistics of the districts of Bengal for the month of June 1906.

Districts.	Population under registration.	BIRTHS.		DEATHS.										AVERAGE OF CORRESPONDING MONTH OF PREVIOUS FIVE YEARS.	REMARKS.			
		Number registered.	Ratio per 1,000 of population.	CHOLERA.	SMALL-POX.	PLAGUE.	FEVER.	DYSENTERY AND DIARRHŒA.	RESPIRATORY DISEASES.		INJURY.	OTHER CAUSES.	TOTAL OF ALL CAUSES.					
									Number registered.	Ratio per 1,000 of population.			Number registered.			Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.
Burdwan	1,582,475	3,668	23.32	59	3.6	...	2,113	16.44	45	2.4	...	...	594	4.56	2,999	23.40	3,000	23.64
Bhutian	903,280	2,341	31.08	14	1.2	...	1,357	18.00	4	0.4	...	...	997	3.24	1,749	23.16	1,721	22.80
Bankura	1,116,411	3,896	41.55	23	2.4	...	1,577	16.99	24	2.4	...	...	650	6.96	2,383	23.52	2,173	23.96
Medinipur	2,789,114	6,023	25.80	240	2.6	...	3,173	13.56	69	2.4	...	...	716	3.00	4,343	23.60	3,356	23.64
Hoojly, including Seram-pore.	1,049,233	1,722	19.99	43	4.8	...	1,156	13.20	115	1.80	...	...	495	3.36	1,761	20.16	2,071	23.64
Hoojly	850,514	1,652	23.28	124	1.6	...	543	7.56	180	2.64	...	...	309	4.32	1,368	19.20	1,508	21.24
24 Parganas	3,078,330	4,537	26.16	73	3.6	...	2,041	17.76	79	3.6	...	...	582	3.00	2,982	17.04	2,990	17.96
Calcutta	847,796	1,002	14.16	143	1.92	...	2,834	3.12	129	1.80	...	...	716	10.08	1,745	24.60	1,441	23.16
Nadia	1,607,491	2,914	30.48	136	2.6	...	2,809	20.16	13	0.8	...	...	539	9.28	3,337	24.72	3,316	23.76
Marashidabad	1,333,184	3,387	30.48	33	3.4	...	2,412	15.96	8	0.7	...	...	468	4.92	3,004	27.12	2,857	25.44
Jessore	1,313,135	3,663	25.62	107	1.2	...	2,412	15.96	14	0.8	...	...	305	4.92	2,995	19.20	3,351	29.08
Khulna	1,253,043	2,401	22.92	143	1.3	...	1,250	11.88	28	2.4	...	...	485	4.92	1,944	18.40	2,068	19.80
Purna	1,694,985	3,750	27.60	138	4.08	...	4,937	24.60	330	3.28	...	...	1,715	12.60	4,947	36.48	3,109	23.28
Gaya	2,084,933	5,245	31.20	1,837	9.24	...	4,937	24.60	35	1.9	...	...	885	4.92	6,160	37.56	6,028	35.04
Shahdol	1,863,693	4,666	24.48	1,823	8.64	...	4,937	24.60	10	0.6	...	...	812	4.92	6,160	37.56	6,028	35.04
Sam	2,402,509	3,838	29.64	266	9.4	...	3,117	20.98	35	1.2	...	...	812	4.92	7,469	49.92	6,549	39.76
Champeran	1,790,468	4,433	29.64	363	14.4	...	3,117	20.98	35	1.2	...	...	812	4.92	7,469	49.92	6,549	39.76
Muzaffarpur	2,754,790	6,902	27.84	1,859	14.4	...	3,117	20.98	35	1.2	...	...	812	4.92	7,469	49.92	6,549	39.76
Darbhanga	2,912,611	7,231	29.76	1,859	14.4	...	3,117	20.98	35	1.2	...	...	812	4.92	7,469	49.92	6,549	39.76
Monbhanga	2,083,983	4,825	27.60	1,859	14.4	...	3,117	20.98	35	1.2	...	...	812	4.92	7,469	49.92	6,549	39.76
Bhagalpur	1,874,794	4,825	27.60	469	2.8	...	3,590	22.52	32	1.2	...	...	784	3.84	6,583	39.64	6,639	34.76
Purnea	1,674,794	3,543	27.00	469	2.8	...	3,590	22.52	32	1.2	...	...	784	3.84	6,583	39.64	6,639	34.76
Darjeeling	249,117	563	27.00	534	3.24	...	4,437	28.08	124	5.88	...	...	157	6.36	5,273	33.72	5,043	28.92
Santal Parganas	1,868,737	4,804	39.40	148	9.6	...	3,930	20.40	37	2.4	...	...	381	8.32	4,270	40.20	4,342	27.72
Cuttack	2,092,768	7,533	46.08	22	1.2	...	1,838	8.76	544	3.24	...	...	1,435	10.68	3,932	33.84	3,743	24.72
Balsore	1,071,187	3,043	40.80	498	9.6	...	3,577	9.72	181	1.80	...	...	839	10.68	2,639	29.52	4,849	28.90
Puri	1,017,284	4,012	47.64	278	3.24	...	3,700	4.32	298	2.40	...	...	857	10.68	2,344	26.64	2,703	30.24
Sambalpur	638,890	2,091	50.04	...	...	...	400	7.68	126	3.28	...	...	417	7.68	1,017	19.08	2,800	30.48
Angul and Khondals	1,177,361	4,063	41.28	668	6.72	...	2,695	21.24	39	1.48	...	...	585	5.28	3,408	34.68	3,736	27.72
Hasarlagh	1,157,985	4,332	45.60	35	2.4	...	1,755	17.32	179	1.80	...	...	731	7.32	2,767	27.84	2,243	22.56
Ranchi	610,600	3,302	44.62	5	0.9	...	1,153	23.80	17	2.4	...	...	266	5.04	1,513	29.92	1,628	29.56
Palamou	1,301,364	5,048	46.44	385	3.60	...	2,123	19.56	23	1.2	...	...	640	5.64	3,218	29.64	3,163	29.16
Manbhum	613,579	1,697	31.56	1	0.1	...	873	17.04	13	1.2	...	...	138	3.00	1,066	21.36	1,067	21.24
Singbhum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	50,528,044	129,171	30.60	17,108	3.96	...	72,876	17.28	3,047	7.2	...	...	20,997	4.92	120,160	29.44	120,006	29.20
Total, excluding Sambalpur district	49,891,164	126,010	30.36	17,108	4.04	...	72,467	17.40	2,921	6.0	...	...	20,580	4.92	119,143	29.56	...	...
Average of the corresponding month of previous five years	...	142,328	34.20	10,211	9.40	...	76,823	18.36	...	6.0	...	...	23,030	5.52	120,006	29.80	...	...
Difference + or -	...	-15,818	-3.94	+9,897	+1.68	...	-4,555	-0.6	...	Equal	-0.0	...	-863	-0.24	...	...	...	...

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 17th August 1906.

W. W. CHAKRABARTY, CAPTAIN, I.M.S.,  
Offg. Sanitary Commissioner for Bengal.



Vital Statistics of Towns in Bengal with a population of 20,000 and over during the month of June 1906.

District.	Town.	Population under registra- tion.	BIRTHS.		CHOLERA.		SMALL-POX.		PLAGUE.		FEVER.		DIARRHEA AND RESPIRATORY DISEASES.		INJURY.		OTHER CAUSES.		TOTAL OF ALL CAUSES.		AVERAGE OF CORRESPONDING MONTHS OF PRE- VIOUS FIVE YEARS.		REMARKS.
			Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.			
Bardham	Bardham	24,285	30	10.30	1	2.4	6	2.04	...	...	30	6.73	7	2.08	...	...	...	...	46	15.60	60	20.40	
Bardham	Bardham	20,737	30	17.23	...	...	...	...	...	...	7	3.36	7	3.36	...	...	...	...	24	13.80	32	12.73	
Bardham	Bardham	23,140	47	16.59	...	...	...	...	...	...	58	21.00	7	3.02	...	...	...	...	81	29.28	84	30.36	
Bardham	Bardham	24,383	39	16.40	...	...	...	...	...	...	29	11.76	9	3.72	...	...	...	...	69	28.00	79	32.16	
Bardham	Bardham	44,451	39	10.44	...	...	...	...	...	...	44	11.76	21	5.00	...	...	...	...	89	26.32	68	18.00	
Bardham	Bardham	107,554	172	17.00	...	...	...	...	...	...	119	11.00	11	2.72	...	...	...	...	408	37.72	389	35.52	
Bardham	Bardham	40,750	172	17.00	...	...	...	...	...	...	16	4.68	2	4.8	...	...	...	...	28	7.06	37	9.20	
Bardham	Bardham	32,357	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	26,374	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,311	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,432	32	17.76	...	...	...	...	...	...	13	4.80	1	3.6	...	...	...	...	31	9.48	22	8.04	
Bardham	Bardham	25,4,																					

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

*Approximate Return of Traffic on the Circular and Eastern Canals for the week ending Saturday, the 18th August 1906, as compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 18TH AUGUST 1906.			WEEK ENDING SATURDAY, THE 18TH AUGUST 1905.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
		Mds.	Rs.		Mds.	Rs.
Rice and paddy ... ..	238	42,235	405	692	92,817	1,260
Jute ... ..	124	18,765*	299	40	5,790†	82
Firewood ... ..	61	49,460	702	74	59,000	867
Other articles ... ..	611	1,41,302	1,635	684	1,83,555	1,972
Total ..	934	2,51,752	3,041	1,490	3,41,162	4,191

\* Weight by canal measurement, 21,825 maunds, .  
† Ditto ditto, 7,237½ ..

**Results of the Meteorological Observations taken at the Alipore Observatory from  
12th to 18th August 1906.**

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1906.				Inches.	°	°	°	°	°	Inches.	°	%			Inches.	
Aug.	12th	132.9	0.9	29.645	83.8	87.9	7.6	80.3	80.4	0.997	79.1	87	SW, WSW and SSW.	113	1.10	Cloudy, o.
"	13th	119.4	Nil	.666	84.3	87.3	5.5	81.8	80.7	.999	79.2	85	SW by S, WSW and W by S.	133	Nil	Cloudy, o, p, t, <, d.
"	14th	127.1	Nil	.729	80.5	85.5	9.5	76.0	77.8	.988	77.3	94	NW by W, S and WSW.	72	0.78	Cloudy, o, d, p.
"	15th	137.1	1.9	.774	81.4	87.4	11.5	76.9	77.7	.928	77.0	92	WSW, SSE and S.	62	0.59	Chiefly cloudy, o, s, p.
"	16th	127.1	Nil	.771	81.7	86.9	9.8	77.1	78.2	.931	77.1	89	S, SSW and SW...	129	0.45	Cloudy, o.
"	17th	144.9	5.9	.729	81.0	88.7	8.8	79.9	79.6	.955	77.8	83	SSW and W ...	160	Nil	Partially cloudy, p.
"	18th	150.9	8.3	.734	83.3	89.9	12.7	77.2	78.9	.925	76.9	81	S and SSW ...	140	0.27	Partially cloudy.

The mean pressure of the seven days	29.721
The average pressure of the corresponding period for 24 years, Surveyor-General's Office	29.586
The total number of hours of bright sunshine	17.0
The maximum possible number of hours of sunshine	90.1
The mean temperature of the seven days	82.7
The average temperature of the corresponding period for 24 years, Surveyor-General's Office	83.0
The extreme variation of temperature	14.0
The maximum temperature	89.9
The highest velocity of the wind in one hour	13
The mean relative humidity	87
The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office	87
The total fall of rain from 12th to 18th August 1906	3.19
The average fall of the corresponding period for 24 years, Surveyor-General's Office	4.38
The total fall from 1st January to 18th August 1906	40.52
The average fall of the corresponding period for 24 years, Surveyor-General's Office	43.48

The mean pressure, temperature, &c., are from eye observations.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed to the Meteorological Office, and based on Regnault's modifications of August's formulae.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground. The rainfall reported on any day is for 24 hours preceding 8 A.M. of that day.

o, overcast; t, thunder; <, lightning; d, drizzling rain; p, passing temporary showers; g, gloomy.

O. W. PEAKE,

METEOROLOGICAL OFFICE, GOVT. OF INDIA;  
Alipore (Calcutta), the 20th August 1906.

for Meteorological Reporter to the Govt. of India  
and Director-General of Indian Observatories.

## Weekly Return of Traffic Receipts on Indian Railways.

## ASSAM-BENGAL RAILWAY.

Approximate Return of traffic for the week ended 4th August 1906 on 768 miles open for all descriptions of traffic and on additional 3 miles for goods traffic only.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-bond.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	41,285	24,176 0 0	2,00,737 0	64,428 0 0	5,003 0 0	78,006 0 0	13,297	13,767	27,064
per mile of railway	53.75	31.46	265.96	87.08	6.49	96.19	16.01	18.24	34.25
for previous 4 weeks of half-year	184,544	1,04,960 0 0	10,00,983 0	1,80,843 0 0	16,881 0 0	2,01,334 0 0	44,735	68,500	1,13,235
Total for 5 weeks*	225,829	1,29,136 0 0	12,01,719 0	2,04,271 0 0	21,884 0 0	2,24,980 0 0	58,032	87,270	1,45,302
COMPARISON.									
Total for corresponding week of previous year	34,376	20,579 0 0	1,69,988 0	58,548 0 0	4,081 0 0	68,208 0 0	9,947	17,806	27,753
per mile of railway corresponding week of previous year	45.04	27.08	223.79	76.24	5.51	88.77	12.50	24.14	36.64
Total to corresponding date of previous year	186,001	1,14,173 0 0	780,908 0	1,84,500 0 0	21,634 0 0	2,01,608 0 0	51,241	84,553	1,35,794

\* Includes Noakhali Railway earnings Rs. 7,000 and train-mileage 4,370.

## FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Assam-Bengal Railway.

RECEIPTS FOR WEEK ENDING 4TH AUGUST 1906.			RECEIPTS FOR WEEK ENDING 5TH AUGUST 1905.			TOTAL RECEIPTS FROM 1ST APRIL 1905 TO 4TH AUGUST 1906.			TOTAL RECEIPTS FROM 1ST APRIL 1905 TO 5TH AUGUST 1905.			Total increase in 1906.	Total decrease in 1905.
Mean-mileage worked.	Receipts.	Per mile worked.	Mean-mileage worked.	Receipts.	Per mile worked.	Mean-mileage worked.	Total receipts.	Per mile worked per week.	Mean-mileage worked.	Total receipts.	Per mile worked per week.		
771	Rs. 72,000	94.80	740	Rs. 62,208	76.77	771	Rs. 12,92,830	...	740	Rs. 10,02,633	...	Rs. 2,90,197	.....

## BENGAL AND NORTH-WESTERN RAILWAY.

Approximate Return of Traffic for the week ending 4th August 1906 on 1,551 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-bond.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 1,551 miles open	327,030	(a) 1,29,900 04.00	6,73,370 436.15	(b) 67,300 48.33	(c) 14,740 9.56	2,13,800 157.26	46,823	(d) 24,548	71,371
per mile of railway	211.36	84.00	434.15	42.33	9.56	137.80	30.17	15.70	45.87
for previous 4 weeks of half-year	1,108,540	4,26,320	20,00,600	2,11,910	71,300	2,86,820	180,080	131,408	3,11,488
Total for 5 weeks	1,435,570	5,56,220	26,73,970	2,79,220	82,640	3,61,860	226,903	165,956	3,92,859
COMPARISON.									
Total for corresponding week of previous year	280,020	98,248	4,51,910	71,500	12,180	1,76,990	42,083	(e) 20,403	62,486
per mile of railway corresponding week of previous year	177.04	63.40	291.81	46.79	7.80	114.05	27.17	13.40	40.57
Total to corresponding date of previous year	1,571,906	5,58,473	27,20,220	4,22,117	89,227	5,19,866	241,207	181,970	4,23,177
Earnings per Coaching, Goods and Total train-mile respectively during the week	...	3.72	...	1.98	1.18	2.57	...	...	...
Ditto for the corresponding week of previous year	...	1.98	...	2.35	1.18	2.36	...	...	...

- (a) Increase mainly under local and foreign outward due to Lunar Eclipse and to Jhulan Mela at Ajodhya, held earlier this year.  
 (b) Ditto in weight with decrease in amount due to short haul traffic under local.  
 (c) Ditto chiefly under steam-bond.  
 (d) Includes 8,100 miles of ballast trains.  
 (e) Ditto 8,800 miles of ballast trains.

## EASTERN BENGAL STATE RAILWAY SYSTEM.

(INCLUDING DACCA SECTION.)

Approximate Return of Traffic and Mileage for the week ended 4th August 1906 on 1,271 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including steam-boat).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	366,030	1,41,840 0 0	12,63,400 0	2,26,490 0 0	13,260 0 0	3,81,590 0 0	68,678	49,651	108,329
Or per mile of railway ...	285	112 0 0	1,010 0	178 0 0	91 0 0	291 0 0	.....	.....	.....
For previous 4 weeks of half-year ...	1,417,980	5,65,900 0 0	50,73,450 0	6,66,900 0 0	79,970 0 0	18,52,770 0 0	289,314	177,086	466,400
Total for 5 weeks ...	1,783,980	7,27,740 0 0	63,36,850 0	9,13,390 0 0	93,230 0 0	17,34,360 0 0	358,192	227,107	585,299
COMPARISON.									
Total for corresponding week of previous year ...	375,918	1,34,828 0 0	13,00,531 0	2,20,531 0 0	12,624 0 0	3,67,953 0 0	53,849	43,801	97,650
Per mile of railway corresponding week of previous year (1,141 miles) ...	329	118 0 0	1,140 0	193 0 0	1 0 0	312 0 0	.....	.....	.....
Total to corresponding date of previous year ...	1,731,474	6,90,679 0 0	58,03,815 0	8,17,733 0 0	97,125 0 0	16,05,637 0 0	283,690	176,563	460,253

\* Excluding ferry earnings, Rs. 11,000.

## DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 4th August 1906 on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	31,150	9,120 0 0	43,190 0	3,000 0 0	130 0 0	12,340 0 0	3,839	1,973	5,812
Or per mile of railway ...	362	106 0 0	505 0	36 0 0	2 0 0	144 0 0	.....	.....	.....
For previous 4 weeks of half-year ...	144,690	39,110 0 0	137,080 0	10,160 0 0	1,720 0 0	50,180 0 0	17,067	4,837	21,904
Total for 5 weeks ...	175,740	47,430 0 0	172,260 0	13,240 0 0	1,850 0 0	62,520 0 0	20,906	6,810	27,716
COMPARISON.									
Total for corresponding week of previous year ...	30,485	8,362 0 0	35,843 0	2,734 0 0	40 0 0	11,126 0 0	3,236	1,810	5,046
Per mile of railway corresponding week of previous year ...	354	97 0 0	417 0	32 0 0	.....	129 0 0	.....	.....	.....
Total to corresponding date of previous year ...	163,679	42,175 0 0	117,510 0	9,900 0 0	765 0 0	52,856 0 0	18,729	6,941	25,670

## COOCH BEHAR RAILWAY—NATIVE SECTION.

Approximate Return of Traffic and Mileage for the week ended 4th August 1906 on 33.6 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	1,510	560 0 0	2,550 0	230 0 0	.....	790 0 0	476	(a) 719	1,195
Or per mile of railway ...	45	17 0 0	76 0	7 0 0	.....	24 0 0	.....	.....	.....
For previous 4 weeks of half-year ...	13,570	5,861 0 0	161,000 0	5,380 0 0	30 0 0	11,240 0 0	1,938	3,106	5,044
Total for 5 weeks ...	15,080	6,420 0 0	163,550 0	5,610 0 0	30 0 0	12,030 0 0	2,414	3,825	6,239
COMPARISON.									
Total for corresponding week of previous year ...	2,648	931 0 0	10,009 0	919 0 0	5 0 0	1,875 0 0	476	300	776
Per mile of railway corresponding week of previous year ...	79	38 0 0	316 0	28 0 0	.....	56 0 0	.....	.....	.....
Total to corresponding date of previous year ...	10,330	5,890 0 0	44,008 0	4,364 0 0	27 0 0	9,281 0 0	2,465	1,975	4,440

(a) Ballast train-miles, 300 and earnings not accounted for in this week.

B.B.—Decrease is due to suspension of traffic owing to damages caused by flood.

MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 4th August 1906 on 50.69 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight earned.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	9,080	Rs. A. P. 3,010 0 0	Mds. S. 24,480 0	Rs. A. P. 1,520 0 0	Rs. A. P. 30 0 0	Rs. A. P. 4,560 0 0	1,204	234	1,428
per mile of railway ...	179	80 0 0	482 0	30 0 0	1 0 0	90 0 0	.....	.....	.....
for previous 4 weeks of half-year ...	34,140	10,630 0 0	51,410 0	3,650 0 0	60 0 0	14,300 0 0	4,677	833	5,712
Total for 5 weeks ...	43,220	13,660 0 0	75,840 0	5,170 0 0	90 0 0	18,820 0 0	6,081	1,059	7,140
COMPARISON.									
Total for corresponding week of previous year ...	9,525	2,877 0 0	30,670 0	1,960 0 0	17 0 0	4,841 0 0	1,204	272	1,476
per mile of railway corresponding week of previous year ...	186	86 0 0	772 0	38 0 0	.....	94 0 0	.....	.....	.....
total to corresponding date of previous year ...	44,519	13,843 0 0	57,843 0	4,639 0 0	62 0 0	17,573 0 0	6,310	1,083	7,393

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for the week ending 11th August 1906 ...	Coaching ...	Rs. A. P. 3,132 0 0	Ms. A. P. 8,334 0 0
	Goods ...	5,114 0 0	
	Other earnings ...	88 0 0	
Audited earnings for the corresponding period of 1906 ...	Coaching ...	5,364 0 0	17,380 0 0
	Goods ...	11,949 0 0	
	Other earnings ...	67 0 0	
	Decrease ...	9,046 0 0	
Receipts per mile for the week ending 11th August 1906 ...	...	...	163 6 7
Ditto for the corresponding period of 1906 ...	...	...	340 12 7
	Decrease ...	177 6 0	
Receipts from 1st July to 11th August 1906 ...	...	...	84,923 0 0
Ditto for the corresponding period of 1906 ...	...	...	1,02,359 0 0
	Decrease ...	17,436 0 0	



# SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, AUGUST 29, 1906.

## OFFICIAL PAPERS.

[Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of five rupees per annum if delivered in Calcutta, or seven rupees and eight annas if sent by post.]

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### RESOLUTION ON THE ANNUAL REPORT OF THE CIVIL VETERINARY DEPARTMENT, BENGAL, AND OF THE BENGAL VETERINARY COLLEGE FOR THE YEAR 1905-1906.

#### REVENUE DEPARTMENT—AGRICULTURE.

Calcutta, the 25th August 1906.

RESOLUTION—No. 1843T.—R.

#### READ—

The Annual Report of the Civil Veterinary Department, Bengal, and of the Bengal Veterinary College for the year 1905-06.

#### Read also—

- (1) Director of Agriculture's letter No. 2807A., dated the 16th July 1906, submitting the report to the Board of Revenue.
- (2) The Annual Report of the same Department and College for the year 1904-05 and the Government Resolution recorded thereon.

THE report which was punctually submitted deals principally with the Province of Bengal as constituted after the partition, but statistics regarding the treatment of animals and the working of the Veterinary hospitals and dispensaries in some of the transferred districts have been incorporated in the statements attached to the report.



2. *Veterinary Instruction.*—The total number of students on the roll of the Bengal Veterinary College at the end of the year under report was 106 as against 85 in the previous year. The number would have been larger had not some of the students left the College after admission owing to want of sufficient accommodation in the hostel attached to it. Funds have already been allotted for the construction of a new hostel, and steps are being taken to carry out the work as quickly as possible. The results of the final and the annual class examinations of the College were not so satisfactory as in the preceding year, the percentages of the successful students in each of the classes A, B and C being 57, 82 and 47, respectively, as compared with 78, 95, and 80 in the previous year. The unsatisfactory result is mainly due to the inadequacy of the teaching staff of the College throughout the year, and to some extent to the inferior educational qualifications of the students admitted. Steps have already been taken to remove both these causes; the former, by the addition of a second Imperial officer to the teaching staff, who joined his duties in February last, or only a short time before the close of the year under report; and the latter, by the issue of revised rules laying down that only students who have passed the Entrance Examination of the Calcutta University, or who have completed the High School course, or who can produce certificates of having received an education equivalent to either of these two standards should be eligible for admission to the College. The works of improvement to the College detailed in paragraph 2 of the Resolution recorded on the last year's report have been taken in hand by the Public Works Department. The Committee have held two special meetings at Belgachia to consider the adoption of sites, the laying out of the ground and the construction of the buildings.

3. *Treatment of diseases.*—The total number of animals treated in Veterinary hospitals and dispensaries, including the infirmary attached to the Bengal Veterinary College, during the year, in the Province, as constituted after the Partition of Bengal, was 29,312, of which 9,941 were horses, 15,252 cattle and 4,119 other animals, as against 7,929, 15,001 and 3,123 (exclusive of the figures for the transferred districts) during the preceding year. The figures show a general increase in the number of patients treated at the dispensaries and indicate the growing popularity of the scientific mode of treatment offered at those institutions. The increase was most marked in the case of the Dumraon, Burdwan, Larpur (Saran) and Palamau dispensaries.

4. There were altogether 530 cases of deaths from glanders and farcy in the Province during the year as against 430 in the previous year, excluding the figures for the transferred districts. Of these, 473 occurred in Calcutta and its neighbourhood as against 413 reported during the preceding year. Steps having been taken to enforce the Glanders and Farcy Act in the metropolis and its suburbs, it is probable that a larger number of patients suffering from the disease will be brought to notice in future than at present.

5. The total number of deaths from cattle disease was 12,374 as against 12,276 during the preceding year, excluding the figures for the transferred districts. Of these, by far the largest number of deaths (9,023) was caused by rinderpest. The districts which suffered most from the disease were Burdwan, Darjeeling, Shahabad, the Sonthal Parganas, Balasore, Ranchi, Palamau, Manbhum and Sambalpur. The Superintendent complains of the defective reports regarding cattle diseases supplied to his department by the Police officers of the Province. The Inspector-General of Police will be requested to take such steps as are possible to remedy this. The Lieutenant-Governor is glad to notice that cattle inoculation is gradually gaining ground in the Province, the number of inoculations performed during the year being 22,613 as against 13,276 during the previous year.

6. *Veterinary Infirmary, Belgachia.*—The total number of animals treated during the year was 2,407, of which 1,483 were in-patients and 924 out-patients. There would have been a further increase in the number but for the outbreak in the infirmary of an infectious disease called *surra*, which for some time prevented the admission of any animal. It is satisfactory to note that during the latter half of the year, the horse practice in the infirmary increased by 50 per cent. over that in the corresponding period of the previous year.

7. *Breeding operations.*—The Pusa and the Sripur Farms continued to be the only two cattle-breeding farms in the Province, managed and supervised by Government. Eight bulls of the Montgomery breed were purchased by Captain Trydell from the Amritsar Fair during the year for experiments in breeding, but, with the exception of two, they were found altogether wanting in breeding power. The failure of the experiment is ascribed to fraud committed by the vendors, who were probably aware that the bulls were useless as stud animals. Captain Trydell is of the opinion that one of the best means of improving the breed of indigenous cattle would be to pay greater attention to the feed and upkeep of the cows and heifers of the country, and to afford greater facilities for grazing. His remarks on the subject are commended to the attention of members of District and Local Boards and other persons interested. Thirteen locally-bred cows were purchased during the year for breeding operations at the Pusa Farm. The miscellaneous collection of cattle kept at the Sripur Farm was disposed of during the year, the breeding operations being confined to two classes of cattle, namely, those locally bred and those bred from the Montgomery bulls.

8. *Fairs and Shows.*—Ten fairs and shows were held during the year in the Province as against nine (excluding the Comilla Fair) in the preceding year, the Bagdogra Show in the district of Darjeeling having been started during the year. Unfortunately it proved a failure, owing to the unexpected inclemency of the weather at the time. Out of the Imperial grant of Rs. 1,500 for distribution in prizes, only Rs. 693 were spent. The large falling off in the expenditure was chiefly due to the policy recently adopted, under which prizes are awarded only to *bona fide* cultivators, professional graziers, and breeders of cattle. The Lieutenant-Governor approves of Captain Trydell's suggestion that for the present prizes should be awarded only at the new small fairs with the object of encouraging them and enabling them to become well established.

9. *Veterinary Dispensaries and Assistants.*—A comparison of Table V annexed to the report under review with that annexed to the previous year's report shows that, excluding the figures for the transferred districts in each case, the total number of Veterinary hospitals and dispensaries working during the year in the Province was 21 as against 17 during the previous year. The statement in paragraph 6 of the present report, that there were altogether 19 dispensaries at work during the previous year, is apparently incorrect. The total number of Veterinary Assistants employed under Government and local bodies during the year was 63, including 14 in the new Province of Eastern Bengal and Assam, as compared with 54 during the previous year. Captain Trydell inspected all the dispensaries with the exception of that at Ranchi, and it appears from the report that, on the whole, they worked satisfactorily. The only dispensaries which have been unfavourably reported on are those at Howrah and Patna. The latter was badly reported on in the previous year. The Lieutenant-Governor hopes that the Municipality will take notice of the conduct of the Veterinary Assistant in charge. The unfavourable results achieved are reported to be due to his apathy in furthering the objects of the dispensary. It is stated that the Veterinary Assistants in charge of dispensaries generally worked satisfactorily, the most prominent among them being those in charge of the Dumraon, Burdwan, Larpur and Palamau dispensaries.

10. The Lieutenant-Governor has much pleasure in acknowledging the zeal and ability with which Captain Trydell managed the Department during the year under report, and considers that he deserves great credit for the progress which has been made in its development.

By order of the Lieutenant-Governor of Bengal,

R. W. CARLYLE,

Chief Secy. to the Govt. of Bengal.

RESOLUTION ON THE REPORT ON THE ADMINISTRATION OF THE  
POLICE DEPARTMENT IN BENGAL FOR THE YEAR 1905.

POLITICAL DEPARTMENT—POLICE.

*Dated Calcutta, the 27th August 1906.*

RESOLUTION—No. 1851P.—D.

READ—

The Report on the Administration of the Police Department for the year 1905.

Read also—

The Report for the year 1904 and the Resolution of the Government thereon.

Mr. C. J. Stevenson-Moore, I.C.S., was in charge of the office of Inspector-General of Police throughout the year, till he went on leave. He was relieved by Mr. A. V. Knyvett, C.I.E., who took over charge as Officiating Inspector-General on the 28th March 1906. Certain of the paragraphs in the report under review were written by Mr. Stevenson-Moore before proceeding on leave, but the bulk of the report has been prepared by Mr. Knyvett. The figures for the year 1905 and those given in the report for the year 1904 do not refer to the districts which have been transferred to the new Province of Eastern Bengal and Assam while they do include the Sambalpur figures.

2. *Strength of the force.*—In consequence of the transfer of 14 districts to the Province of Eastern Bengal and Assam, 20 appointments of Superintendents and 20 of Assistant Superintendents have been transferred to that Province with effect from the 16th October 1905. One of the reforms, recommended by the Police Commission, which was effected during the year, was the increase in the subordinate staff by 681 officers and men, of whom the majority were appointed for investigation work. There was a large deficiency in the actual strength of head-constables and constables, but this was due to the fact that the men were under instruction at the newly-created Constables' Training Schools. Sub-Inspectors were mostly recruited by nomination, but a few deserving head-constables were also promoted to this rank. As in 1904, the new appointments were distributed among the Divisions in proportion to the strength of the investigating force entertained in each, the natives of each division being regarded as having the first claim to the vacancies so allotted to it. It is satisfactory to note that this plan has given general satisfaction and that it has widened the range of selection. Mr. Slacke notices with pleasure that the last batch of recruits was superior both intellectually and physically to its predecessors and that the recruits were, in the words of the Inspector-General, a better class all round than those in previous years. Superintendents are exclusively responsible for the recruitment of local constables for their districts.

3. *Training Schools.*—There was practically no change in the course of instruction at the Police Training School at Bhagalpur. The Lieutenant-Governor is pleased to see that the results were the best yet obtained, only 12 cadets having failed to pass the final examination out of a total of 263 examinees. The encouragement of athletics is noteworthy. During the year under review two schools for the training of constables and head constables were started on the lines recommended by the Police Commission, one at Nathnagar, district Bhagalpur, for the training of up-countrymen, and the other at Purulia, district Manbhum, for the training of Bengalis. It is satisfactory to record that the constables from the Nathnagar Training School, who were deputed to Calcutta on duty during the visit of Their Royal Highnesses the Prince and Princess of Wales, were complimented on their good conduct and steady behaviour.

4. *Discipline of the Force.*—The percentage of officers departmentally punished was 12·9 as against 13·3 in 1904, but the percentage of men

departmentally punished has risen from 6·7 to 10·1. Of the latter nearly one-third were town chaukidars, a class, which is being superseded by town constables. The Lieutenant-Governor is glad to observe that fewer members of the force were convicted under the Penal Code than last year. Whilst the number of officers punished under that Code scarcely varied, the number of men convicted was less, being ·7 per cent. of the entire force. Three cases of torture were brought against the police, one of which was declared to be true; in the second case the accused was convicted, and the third resulted in an acquittal. There were 37 charges of extortion; out of these 19 were either declared false or dismissed under section 203 of the Criminal Procedure Code, or ended in discharge, while only 13 ended in punishment, judicial or departmental.

5. *Health*.—The health of the force was slightly better than in the previous year and the average detention of the sick in hospital was a little less. The Lieutenant-Governor is pleased to notice that arrangements have been made to provide men serving in certain unhealthy districts with mosquito nets and also that arrangements are being made to treat constables systematically with quinine.

6. *Town Police*.—The Lieutenant-Governor observes with satisfaction that there has been an improvement in the work of the town chaukidars and town constables. Over 236 arrests were made by night watchmen, to whom rewards were granted in almost all cases. The increase in the number of arrests is attributed to the more direct interest taken by Superintendents in the working of the Town Police. The Town Police itself is in a state of transition. During the year 240 chaukidars were replaced by constables. Ultimately all town chaukidars will be replaced by constables, and the establishment will on the recommendation of the Police Commission, be augmented by the addition of several officers.

7. *Rural Police*.—The Lieutenant-Governor notices that the necessity of restricting the number of village chaukidars to actual requirements and the advisability of reducing and amalgamating charges when opportunity occurs has received attention during the year, as in place of the steady increase of previous years, there is a small falling off, namely, 50 men out of a total of 85,443 appointed under Act VI (B.C.) of 1870. In the case of chaukidars appointed under Act VI (B.C.) of 1887, there has, on the other hand, been an increase from 8,729 to 8,816, and the number of men appointed under Regulation XX of 1817 rose from 4,483 to 5,084. The Lieutenant-Governor is pleased to see that the average value of rewards paid has risen from Rs. 5·8 to Rs. 7·8, indicating a real improvement in the manner in which rewards are distributed. Mr. Wheeler was placed on deputation during the cold weather of 1905-06 to make further enquiries into the Village Panchayat system. His report is at present under the consideration of Government.

8. *River Police*.—It is satisfactory to note that in the 24-Parganas the system of beats established along the embankments is again reported to have proved effective in preventing crime. Mr. Bramley, who had been placed on special duty in connection with the general question of the consideration of a scheme for the establishment of a separate River Police Force, was prevented by his other duties from finishing his report last year. He has again been deputed to this Province to enable him to complete the report.

9. *Supply of police to private individuals*.—Last year His Honour noted the objections raised by the Inspector-General of Police to the supplying of police to private individuals, and the requisite list containing particulars of cases where the dispute was of such a petty nature that the employment of police was undesirable or where it would have been in his opinion preferable that the force should have been paid by Government is under preparation. On its receipt the Lieutenant-Governor will be prepared to pass orders. Meanwhile it may be noticed that, while there has been, during the year under review, a slight decrease in the number of the police so engaged, yet cases appear to have occurred where the supply of police to private individuals should not have been permitted.



10. *Reforms.*—The year under review has been remarkable for the number of reforms that have been introduced consequent on the recommendations of the Police Commission. In addition to those already mentioned in preceding paragraphs, the following may be mentioned. The pay of all subordinate ranks has been raised to the prescribed minimum sanctioned by the Government of India; new grades for Inspectors on Rs. 175 and for Sub-Inspectors on Rs. 100 have been created; the armed police formerly known as the District Police Reserve has been strengthened; European Inspectors have been appointed to 24 out of 33 districts, and in 10 districts European Sergeants have been appointed to assist them; the Provincial Criminal Investigation Department has been organized; the system of deputing plain clothes constables to Railway stations to look after the movements of bad characters has been introduced; the system of employing travelling constables in railway trains has been partially introduced; constables are exchanged for short periods with those of neighbouring thanas of adjoining districts so that they may obtain personal acquaintance with bad characters, and arrangements have been made with the Nepal Darbar for the interchange of information regarding border criminals.

11. *Cognizable Crime.*—The total number of cognizable offences reported during the year was 115,463 as against 127,716 in 1904. The decrease is, however, more apparent than real, being due to direct cases declared false by Magistrates being excluded from the revised statement introduced on the recommendation of the Police Commission. Excluding cases of offences against religion, public nuisances and offences under special and local laws, the percentage of police cases ending in conviction to cases decided was 77 per cent.; including the above offences, it was 89, whilst the percentage of convictions to cases enquired into by the police was 44 as compared with 31·4 of the preceding year. The percentage of convictions in Sessions cases is 75·1, which is a little higher than in the preceding year. Murshidabad and Manbhum again show the worst results. It is stated that the excessive number of acquittals in Manbhum was due in great part to defects in the supervising and investigating staff which have now been put right. The Inspector-General will be requested to enquire into the state of affairs in Murshidabad.

12. *False Cases.*—There has been a slight decrease in the number of cases declared false from 3,435 in 1904 to 3,191 in the year under review; the largest numbers are reported from Bihar and the 24-Parganas. The percentage of prosecutions to false cases rose from 13·2 to 15·7, but that of convictions fell from 43·5 to 42·2. Burdwan, Patna, Gaya, Shahabad, Darbhanga, Monghyr and Singhbhum show a large increase in the number of prosecutions over that of last year, indicating that the subject has received special attention in these districts. The Lieutenant-Governor hopes with the Inspector-General of Police that these prosecutions will exercise a deterrent effect. His Honour again regrets to observe that there is a still further falling off in the number of cases in which compensation has been awarded under section 250 of the Criminal Procedure Code. In this connection the Inspector-General of Police reports that Mr. Chapman, District Judge of Muzaffarpur, remarks that in his inspections he has come across several cases in which this section should have been applied. District Magistrates will be requested to bring to the notice of all Magistrates subordinate to them the remarks made in last year's report on the efficacy of this section, if wisely used, in checking the indiscriminate institution of false cases.

13. *Remands.*—Attention must again be drawn to the number of remands granted in the trial of police cases. The percentage of cases decided at the first two hearings has remained almost stationary, but the percentage of cases remanded more than six times has risen from 3·2 to 3·9. Various reasons have been offered for the frequency of the remands, but the Lieutenant-Governor must again reiterate his belief that a stricter supervision over criminal work by District Officers would lead to an improvement in this matter.

14. *Serious Crime: Rioting.*—An examination of the figures regarding serious crime shows that there has been a slight increase in the number of rioting cases, the increase being most marked in the Burdwan and Patna Divisions. There was a decrease in the Bhagalpur Division said to be due to prompt preventive action on the part of the thana officers and the Village Police in

Monghyr. Judicial results were on the whole satisfactory, the percentage of cases convicted to cases disposed of being 77 as compared with 61 of the previous year. In no division except Chota Nagpur were persons imprisoned in default of furnishing security under section 106 of the Criminal Procedure Code. But in Chota Nagpur 99 persons were bound down to keep the peace under this section, of whom 37 were imprisoned in default of furnishing security; the figures for this division for the previous year were 92 and 10, respectively. These figures seem to indicate that the security demanded is higher than the people can give and not that they were unwilling to give security. The Commissioner will be requested to obtain a report on this matter.

15. *Serious Crime: Murder, etc.*—The number of serious crimes against the person decreased from 3,863 to 3,500. The total number of cases of murder fell from 280 in 1904 to 248 in 1905. Of such cases as well of culpable homicide, the Patna Division returns the highest numbers. There was an extraordinary and unexplained fall from 469 to 241 in the numbers of reported attempts at and abetments of suicide.

16. *Serious Crime: Dacoity, etc.*—Dacoity and robbery each show a slight increase. It is most marked in Manbhum, where the number of dacoity cases rose from 11 to 38. These offences, which are believed to be the work of upcountry coolies working in the coal-mines and in the extensive railway constructions, have been engaging the attention of the Criminal Investigation Department, who have, as a result of their enquiries, instituted several important gang cases. It is satisfactory to note that in Midnapore the number of dacoities has fallen from 60 to 34. This is reported to be due to the successful prosecution of certain Lodha dacoits and to the conviction of a large number of bad characters. In connection with the crime of dacoity in general, the Inspector-General of Police remarks, and the Lieutenant-Governor agrees with him, that, though the figures for the past year are somewhat disappointing in view of the convictions obtained in certain gang cases and the numerous undetected cases that have been traced, nevertheless there can be no doubt that the work of breaking up long-established gangs must bear fruit in the near future, when improved surveillance of criminals and closer inter-district and inter-provincial Police co-operation should keep dacoity down. There is an increase in the number of burglaries, to which Saran, Shahabad, the Sonthal Parganas, Monghyr and Khulna contribute the largest numbers. In Saran the increase is attributed to better reporting and to partial failure of the crops, in Shahabad to the plague, and in Khulna and the Sonthal Parganas to better reporting alone. The number of cases of cattle-theft also increased in the year under review. It is hoped that in the Sonthal Parganas, where the increase is most noticeable and where the crime seems to be due to professionals, the efforts of the Criminal Investigation Department to suppress the crime will be attended with success.

17. *Bad Livelihood Cases.*—There was a decrease in the number of bad livelihood cases instituted under section 110 of the Criminal Procedure Code.

18. *Railway Police.*—A decrease is reported in the number of railway offences. This is due to a change which has been made in the rules concerning missing goods. Such cases were all formerly investigated as thefts but are now only instituted if, after a preliminary enquiry, it appears that there are reasonable grounds for believing that a cognizable offence has been committed. Cases of theft on the Bengal lines alone decreased from 3,390 to 2,493. It is satisfactory to note that the number of cases of obstruction has decreased from 65 to 29. In 17 of these, stones were placed on the line by mischievous children. Out of eight cases sent up by the police, seven ended in convictions and the other in an acquittal.

19. *Criminal Investigation Department.*—An interesting description of the cases with which the Criminal Investigation Department dealt during the year under review is given in the latter half of the report. Mr. Knyvett was in charge of the Department during the year and did very valuable work, particularly in connection with the investigation of the promissory note forgery cases. After examining 64 cases of forgery, he traced the currency note forgeries dating back to 1882 and the promissory note forgeries to one and the same gang of forgers, who had for their accomplices certain Bank of Bengal employees. One Sarat Chandra Das confessed and turned King's evidence. In

the end four cases were instituted, one in connection with a fraud in the French Bank in 1900, a second relating to an alleged fraud on the Bank of Bengal in 1901, a third in connection with the same Bank in the same year, and the last relating to a fraud on the Allahabad Bank in 1904 when the forgers obtained Rs. 80,000 under false pretences. Five persons received punishment varying from 5 to 10 years' imprisonment. The Calcutta Police and the Criminal Investigation Department worked hand in hand in the conduct of the investigations. It is reported that since these convictions the circulation of forged Government Currency Notes has almost ceased. The Department investigated several gang cases which led to the conviction of 113 persons under sections 400 and 401 of the Indian Penal Code; in the course of these investigations 327 dacoities and 211 burglaries were traced to the gangs. The Lieutenant-Governor is pleased to observe that the large number of enquiries dealt with, the important convictions obtained, and the success which has attended all cases without exception which were brought to trial, form a record of hard and useful work by the officers of the Department during the year. His Honour notes with satisfaction that the cordial relations between the Criminal Investigation Department and the Calcutta Police have been fully maintained. Mr. Slacke cordially acknowledges the help given by Nepalese officials in dealing with border gangs.

20. The Lieutenant-Governor has much pleasure in acknowledging Mr. Stevenson-Moore's efficient administration of the Department and in thanking Mr. Knyvett for his careful and interesting report. His Honour is pleased to notice the remarks of the Inspector-General on the good work of the officers whose names are mentioned in paragraph 38 of the report. Mr. Slacke has also much pleasure in acknowledging the services rendered by Mr. Knyvett in connection with the Criminal Investigation Department, and by Mr. Dundas as Principal of the Bhagalpur Training School.

ORDER.—Ordered that copies of the Resolution be forwarded to the Inspector-General of Police, the Commissioner of Police, Calcutta, and all Commissioners of Divisions for information.

Ordered also that the Resolution be published in the *Calcutta Gazette*.

By order of the Lieutenant-Governor of Bengal,

M. C. McALPIN,

*Offg. Chief Secy. to the Govt. of Bengal.*



## WEATHER AND CROP REPORT.

For the week ending the 27th August 1906.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
1	BURDWAN ...	Inches. 2·38	6½	8½	No rain at Kalna and Katwa. Ploughing and trans- plantation continue. Prospect of winter rice not good in Kalna. Autumn rice and jute partly sub- merged by the rise of the Bhagirathi. Fodder and water sufficient.
2	BIRBHUM ...	1·83	8	9	Weather seasonable. Transplantation of paddy con- tinues. No cattle-disease. Fodder and water sufficient.
3	BANKURA ...	3·08	8	8½	Rainfall general. Transplantation of winter rice nearly finished. Standing crops doing well. No cattle-disease. Fodder and water sufficient.
4	MIDNAPORE ...	1·63	9½	10	Weather seasonable. More rain wanted throughout the district for transplantation of <i>aman</i> paddy. Trans- plantation still going on. Insect-pests reported from Chandrakona and Mahisadal. Cattle-disease in Mahisadal only. Fodder and water sufficient.
5	HOOGHLY ...	0·41	6½	7½	Rainfall general. Weather seasonable. More rain wanted. Prospects of jute fair. Transplantation of <i>aman</i> paddy still continues. Sudden rise in the price of rice caused consternation. No cattle-disease. Fodder and water sufficient.
6	HOWRAH ...	1·61	7½	8	Transplantation of paddy is nearly finished. <i>Sanki</i> insects have done slight damage to transplanted seedlings in thanas Ulubaria and Bagnan. It is hoped that the present rain will get rid of the insects. No cattle-disease reported. Fodder and water sufficient. Standing crops doing well.
7	24-PARGANAS	1·15	7½	8	Rainfall general. Weather hot and cloudy. More rain wanted everywhere. Transplantation of <i>aman</i> going on briskly. Harvesting of jute begun in places. State of standing crops good. Prospects fair, if there be more rain. Damage to winter rice owing to insufficient rainfall reported from Basirhat. Condition of cattle generally good. Cattle-disease reported from thanas Dum-Dum and Harwa. Water sufficient. Fodder dear in places. The price of common rice is slightly higher, and unless there be more rain, standing crops will suffer and the price may go up.
8	NADIA ...	1·22	6½	9	Rainfall general. Prospects of standing crops good. Some damage has been done by insects and floods. Sowing finished. Harvesting of <i>aus</i> and steeping of jute going on. Fodder and water sufficient. No cattle-disease. Price of common rice suddenly raised by a ring of merchants.
9	MURSHIDABAD	2·22	7½	8	Rainfall general. Weather seasonable. <i>Bhadoi</i> paddy damaged to a great extent by floods. Prospects of sugarcane and jute good. Fodder scarce. No cattle- disease. Scarcity is apprehended owing to floods in almost all the parts of the Lalbagh subdivision.
10	JESSORE ...	1·67	7½	7½	Rainfall general. Weather seasonable. Flood dam- aged <i>khadoi</i> crops to a certain extent in Magura, Narail and Jhenida. Condition of jute good except in Chowgacha. Harvesting of <i>aus</i> and jute and transplantation of <i>aman</i> continue. Fodder and water sufficient. No cattle-disease. Slight distress. High prices.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
11	KHULNA ...	Inches. ...	7 1	6 3/4 8 1/2	Rainfall general. Weather cloudy and windy. Transplantation of winter rice and sowing of <i>til</i> estimated to be 37 and 34 per cent. respectively. As regards jute, rainfall and weather seasonable; conditions fair; sowings finished. Cattle-disease reported from Morrelganj. Fodder and water sufficient.
12	PATNA ...	0.79	8	9	Weather hot and at times cloudy with east winds. Transplantation of paddy approaching completion. Sugarcane and <i>bhadoi</i> crops doing well. Harvesting of <i>marua</i> commenced in the Bihar subdivision. No cattle-disease. Fodder and water sufficient.
13	GAYA ...	0.84	8 1/2	9 1/2	Weather showery. Prospects of sugarcane and <i>bhadoi</i> crops good. More rain wanted in Aurangabad. Fodder and water ample. Extraordinarily high price of common rice at Sadar (8 1/2 seer per rupee) attributed to export.
14	SHAHABAD ...	0.84	9 1/2	11	Rainfall general. Transplantation of paddy nearly finished. Sugarcane doing well. No cattle-disease. Fodder and water sufficient.
15	SARAN ...	1.54	9 1/2	9 1/2	Weather cloudy at times. Transplantation of winter rice almost finished. <i>Makai</i> and <i>aghani</i> on low lands damaged by excessive rain and floods. <i>Makai</i> outturn may be estimated at 75 per cent. if weather be favourable. Sugarcane doing well. Indigo being manufactured. No cattle-disease. Fodder and water sufficient. <i>Makai</i> not in market.
16	CHAMPARAN ...	1.17	9	7 1/2	Weather bright and hot with occasional clouds. Floods have subsided. <i>Bhadoi</i> damaged by flood—50 per cent. in Bettiah and 75 per cent. in Sadar subdivision. <i>Marua</i> and <i>kodo</i> suffered much. Winter rice less damaged and being retransplanted in places. Agricultural operations in progress. No cattle-disease. Fodder and water sufficient. Price of rice has fallen. Maize sells at 11 seers a rupee at Sadar.
17	MUZAFFARPUR	0.72	7	7	Rainfall general. Weather cloudy with little sun. Sadar and Sitamarhi subdivisions still flooded. Water slowly subsiding. Very little of the crops left. Chances of replanting small. Crops in Hajipur good. Fodder beginning to get scarce.
18	DARBHANGA ...	...	...	...	Report not received.

\* Local rice.

† Rangoon rice.

No.	Name of dist. &c.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
19	MONGHYR ...	0.11	6½	8½	Rainfall general. Weather seasonable. Transplantation of paddy still continues. Prospects of standing crops good, but floods have caused great damage to crops of northern part of Sadar and greater portion of Begusarai subdivisions. No cattle-disease. Fodder and water sufficient.
20	BHAGALPUR ...	0.02	7½	8½	Weather seasonable. Heavier rainfall in Supaul. Prospects of standing <i>bhadoi</i> crops in non-flooded area fair. Harvesting of <i>marua</i> has commenced. Sugarcane doing well. Cattle-disease reported from four thanas. Fodder and water sufficient.
21	PURNA ...	...	...	...	Report not received.
22	DARJEELING ...	...	...	...	Ditto.
23	SONTHAL PAR- GANAS.	1.77	8	9½	Weather generally seasonable. Transplantation of paddy still going on and sowing of <i>til</i> in progress. Sugarcane, maize, other <i>bhadoi</i> crops and indigo doing well, but some damage by flood reported from Rajmahal. Prospect of autumn rice fair. No cattle-disease. Fodder and water sufficient. Common rice sells at 6 seers a rupee at Pakour.
24	CUTTACK ...	0.94	10½	11½	Rainfall general. <i>Biali</i> ripening. <i>Saradh</i> being transplanted and weeded. <i>Arahar</i> , jute, cotton and tobacco growing. Fodder and water sufficient. No cattle-disease.
25	BALASORE ...	1.33	8½	9½	Weather rainy. More rain wanted. <i>Ashu</i> in ear. Puddling, transplanting and weeding of <i>saradh</i> continue. Sugarcane and jute progressing. Prospects of other crops good. No cattle-disease. Fodder and water available.
26	ANGUL ...	2.67	9	10	Weather seasonable. More rain wanted for puddling and transplantation of winter rice in some places. Sugarcane, cotton and <i>bhadoi</i> crops doing well.
27	PURI ...	5.65	10½	10½	Rainfall general. Weather cloudy. Sugarcane coming up well. Puddling and transplantation of <i>saradh</i> estimated at 95 per cent. of usual area and weeding at 65 per cent. <i>Biali</i> and <i>mandua</i> in ear in some places and ripening at others. Miscellaneous crops doing well. No cattle-disease. Fodder and water sufficient.
28	SAMBALPUR ...	0.20	8½	10	Rain has been general. More rain is urgently needed. Sowing of <i>rabi</i> , <i>til</i> , <i>urid</i> and <i>kulthi</i> in progress. Re-ploughing and transplantation have been stopped in Bargarh <i>tahsil</i> for want of sufficient rain and in slow progress in Sambalpur <i>tahsil</i> . Weeding of autumn rice in progress. The standing crops in good condition. Cattle-disease is prevalent to a small extent.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
29	HAZARIBAGH	...	10½	10½	More rain wanted. Prospects of standing crops good. Transplantation of paddy continues. Fodder and water sufficient. No cattle-disease. <i>Marua</i> sells at 21 seers and maize at 14½ seers a rupee.
30	RANCHI ...	1.58	10½	10½	Weather seasonable. Transplantation of paddy still in progress. Prospects of the crops good, but insect-pest has damaged <i>marua</i> and <i>dhan</i> in some parts. Cattle-disease reported from five thanas. Fodder and water sufficient.
31	PALAMAU ...	1.89	10½	11½	Weather seasonable. Standing crops doing well in general. Transplantation of paddy nearly finished. <i>Makai</i> slightly damaged by previous excessive rain in four thanas. No cattle-disease. Fodder and water sufficient.
32	MANBHUM ...	1.38	8½	8½	Weather seasonable. Prospects of crops good. Transplantation of winter rice nearly over. Fodder and water sufficient. Cattle-disease not reported.
33	SINGHBHUM ...	2.75	9	8½	Transplantation of paddy in progress. Cattle-disease reported from thanas Chakradharpur and Ghatsila and Kalkapur outpost. Fodder and water sufficient.
34	COOCH BEHAR	2.00	6½	7½	Rainfall general. Weather seasonable. Transplantation of winter rice and harvesting of <i>bhadoi</i> going on. Cutting, steeping and washing of jute continue. Cattle-disease reported from thanas Dinhata, Mathabhanga and Tufanganj. Fodder and water sufficient.

GENERAL SUMMARY.—Rain was fairly general in the Province, the fall being for the most part light except at Puri, where it was rather heavy. More rain is needed in some of the districts of the Burdwan and Orissa Divisions for winter paddy. Extensive damage by floods to the *bhadoi* crops and the newly-transplanted *aman* paddy is reported from Champaran, Muzaffarpur, Monghyr and Murshidabad. Some damage is also reported from Jessore, Faran and the Sonthal Parganas. Insect-pests are reported from Midnapore, Howrah, Nadia and Ranchi. Slight distress on account of high prices of food-grains continues in Jessore. Cattle-disease exists in eight districts. Fodder and water are generally sufficient. The price of common rice has risen in twenty-four districts and fallen in two. It continues high in most districts.

D. N. MOOKERJI,

for Director of Agriculture, Bengal.

DEPT. OF AGRICULTURE, BENGAL,

The 28th August 1906.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

*Approximate Return of Traffic on the Circular and Eastern Canals for the week ending Saturday, the 25th August 1906, as compared with the corresponding week of the previous year.*

NATURE OF CARGO.			WEEK ENDING SATURDAY, THE 25TH AUGUST 1906.			WEEK ENDING SATURDAY, THE 25TH AUGUST 1905.		
			Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
				Mds.	Rs.		Mds.	Rs.
Rice and paddy	...	...	406	82,525	770	715	82,487	1,254
Jute	...	...	147	21,195*	374	61	14,400†	178
Firewood	...	...	61	27,200	428	61	60,146	882
Other articles	...	...	594	1,89,494	1,601	614	1,66,584	1,878
Total	...	...	1,208	2,70,414	3,168	1,451	3,02,616	4,192

\* Weight by canal measurement. 24,006½ maunds.  
† Ditto ditto, 14,768½ ..

**Results of the Meteorological Observations taken at the Alipore Observatory from  
19th to 25th August 1906.**

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fabr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rains.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1906.				Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Aug.	19th	148.4	9.7	29.703	84.9	90.6	10.9	79.7	79.7	0.941	77.4	79	SW by S and SSW.	129	Nil	Partially cloudy.
"	20th	150.5	6.7	702	85.1	90.7	10.7	80.0	79.8	.947	77.6	79	SSW ...	91	"	Partially cloudy.
"	21st	153.0	7.4	705	84.4	90.4	11.5	78.9	79.8	.925	76.9	78	SSW, SSE and WSW.	71	"	Partially cloudy, t, <.
"	22nd	148.5	5.0	717	84.1	89.9	11.0	78.9.	79.2	.938	77.3	82	WSW, SSE and S by E.	53	"	Partially cloudy, o.
"	23rd	149.9	8.4	702	84.2	90.8	12.6	78.2	79.0	.931	77.1	81	S by E, E by S and ESE.	101	"	Partially cloudy, p.
"	24th	151.6	9.0	646	84.5	90.4	11.3	79.1	79.7	.957	77.9	82	ESE, E, and SE by E.	137	0.09	Partially cloudy, p, d.
"	25th	146.9	1.9	598	82.7	86.7	7.5	79.2	78.6	.954	77.8	92	SE by E, ESE and ENE.	142	0.13	Chiefly cloudy, o, d, p.

The mean pressure of the seven days ...	29.683
The average pressure of the corresponding period for 24 years, Surveyor-General's Office ...	29.601
The total number of hours of bright sunshine ...	43.1
The maximum possible number of hours of sunshine ...	89.2
The mean temperature of the seven days ...	84.3
The average temperature of the corresponding period for 24 years, Surveyor-General's Office ...	83.1
The extreme variation of temperature ...	12.6
The maximum temperature ...	90.8
The highest velocity of the wind in one hour ...	12
The mean relative humidity ...	82
The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office ...	87
The total fall of rain from 19th to 25th August 1906 ...	0.22
The average fall of the corresponding period for 24 years, Surveyor-General's Office ...	3.17
The total fall from 1st January to 25th August 1906 ...	40.74
The average fall of the corresponding period for 24 years, Surveyor-General's Office ...	46.65

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and from eye observations.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground. The rainfall reported on any day is for 24 hours preceding 8 A.M. of that day.

o, overcast; t, thunder; <, lightning; d, drizzling rain; p, passing temporary showers.

O. W. PEAKE,

METEOROLOGICAL OFFICE, GOVT. OF INDIA;  
Alipore (Calcutta), the 27th August 1906.

for Meteorological Reporter to the Govt. of India  
and Director-General of Indian Observatories.



## Weekly Return of Traffic Receipts on Indian Railways.

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 4th August 1906 on 2,072.99 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	459,037	Rs. A. P. (a) 4,42,370 0 0	Mds. S. 63,15,815 0	Rs. A. P. (b) 9,00,130 0 0	Rs. A. P. 30,418 0 0	Rs. A. P. 13,73,816 0 0	129,936	109,850	239,786
Or per mile of railway ...	...	213 8 7	...	436 8 6	14 10 9	662 8 10	...	...	...
For previous 4 weeks of half-year ...	1,859,050	16,77,018 0 0	2,37,15,815 0	24,70,547 0 0	1,21,256 0 0	54,68,821 0 0	519,007	658,815	1,177,822
Total for 5 weeks ...	2,318,277	21,19,288 0 0	3,00,32,630 0	45,70,677 0 0	1,51,672 0 0	68,41,637 0 0	648,933	858,365	1,477,298
COMPARISON.									
Total for corresponding week of previous year ...	426,563	4,14,471 12 1	60,12,762 0	8,20,682 12 5	26,394 0 9	13,63,546 10 3	125,067	151,444	276,511
Per mile of railway corresponding week of previous year ...	...	203 0 8	...	408 0 6	13 14 7	618 15 9	...	...	...
Total for corresponding 54 weeks of previous year ...	2,402,063	22,64,308 11 5	3,04,26,988 0	44,84,319 12 4	1,46,756 15 0	68,95,379 6 9	644,307	832,236	1,476,543

(a) The increase is due to greater movements of pilgrims on account of the Moon-Eclipse.

(b) The increase is chiefly in coal.

1906.

Abstract of progressive weekly returns of all earnings for 1906 in with comparison 1905.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
2,072.99	Week ended 7th July ...	567,154	4,50,309	63,85,070	9,60,586	29,282	14,40,176	685	308,664	Rs. A. P. 4 11 5
2,072.99	" " 14th " ...	457,111	4,14,082	64,01,761	9,51,783	30,503	13,96,373	674	304,311	4 9 4
2,072.99	" " 21st " ...	439,867	4,08,360	60,07,179	9,56,769	30,804	13,96,919	673	297,949	4 11 0
2,072.99	" " 28th " ...	405,018	4,04,281	49,32,875	8,01,408	30,697	12,30,583	586	289,399	4 9 5
2,072.99	" " 4th Aug. ...	459,037	4,42,370	63,15,815	9,00,130	30,416	13,73,816	662	299,476	4 9 4
	Totals up to date ...	2,318,277	21,19,288	3,00,32,630	45,70,677	1,51,672	68,41,637	660	1,477,298	4 10 1

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—concluded.

1905.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
2,041.33	First 8 days of July ...	569,904	5,07,593	73,45,163	10,75,471	21,699	16,14,733	791	342,064	Rs. A. P. 4 11 7
2,041.33	Week ended 15th July ...	530,099	4,59,696	55,14,313	8,18,437	29,993	13,04,026	641	291,785	4 7 9
2,041.33	" " 22nd " ...	453,067	4,41,863	54,65,115	8,81,697	28,775	13,52,394	625	284,188	4 11 7
2,041.33	" " 29th " ...	423,430	4,40,780	50,89,066	8,88,063	27,426	13,50,766	605	280,065	4 15 6
2,041.33	" " 5th Aug. ...	459,583	4,14,472	60,12,732	8,20,683	29,394	12,63,549	619	276,531	4 9 1
	Totals up to date ...	2,402,063	22,64,308	3,04,26,988	44,84,319	1,46,757	68,95,380	657	1,476,533	4 10 9

## TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 4th August 1906 on 22.23 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	21,805	Rs. A. P. (a) 5,950 0 0	Mds. S. 9,615 0	Rs. A. P. (b) 244 0 0	Rs. A. P. 6 0 0	Rs. A. P. 6,200 0 0	963	285	1,148
Or per mile of railway ...	...	267 10 6	...	14 9 2	6 4 4	282 8 0	...	...	...
For previous 4 weeks of half-year ...	97,696	23,810 0 0	48,974 0	1,637 0 0	39 0 0	25,497 0 0	3,863	900	4,762
Total for 5 weeks ...	119,441	29,760 0 0	58,589 0	1,951 0 0	38 0 0	31,747 0 0	4,813	1,185	5,998
COMPARISON.									
Total for corresponding week of previous year ...	18,506	3,493 13 2	12,446 0	276 3 0	6 13 9	3,778 12 11	974	232	1,106
Per mile of railway corresponding week of previous year ...	...	157 3 2	...	12 6 9	6 6 4	169 15 9	...	...	...
Total for corresponding 54 weeks of previous year ...	116,097	27,316 0 3	43,904 0	1,285 11 0	55 1 9	28,708 12 11	4,904	1,146	6,149

(a) The increase is chiefly due to the Moon-Eclipse.

TARKESSUR BRANCH RAILWAY—*conold.*

1906.

*Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905.*

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1905	Week ended 7th July ...	35,307	5,887	14,509	574	8	9,469	486	1,188	7 15 6
1905	" " 14th " ...	33,331	5,073	13,599	436	9	8,108	375	1,188	8 2 3
1905	" " 21st " ...	30,118	4,963	12,766	390	7	8,240	336	1,888	4 6 8
1905	" " 28th " ...	18,770	4,398	6,100	247	6	5,041	269	1,188	3 14 8
1905	" " 4th Aug. ...	21,805	5,950	9,615	334	6	6,280	263	1,188	5 4 7
	Totals up to date ...	119,441	29,760	56,589	1,981	36	31,747	366	5,940	5 5 6

*Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—concluded.*

1906.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1906	First 6 days of July ...	25,207	5,782	11,309	394	19	6,195	279	1,298	4 12 4
1906	Week ended 15th July ...	33,050	7,843	9,826	283	9	8,134	366	1,253	6 7 11
1906	" " 22nd " ...	26,398	6,519	5,291	212	4	6,735	303	1,010	6 10 8
1906	" " 29th " ...	15,036	3,679	4,323	171	14	3,864	174	1,384	2 12 8
1906	" " 5th Aug. ...	15,506	3,494	13,446	276	9	3,779	170	1,198	3 2 7
	Totals up to date ...	116,097	27,316	43,904	1,336	55	29,707	351	6,140	4 10 10

## DELHI-UMBALLA-KALKA RAILWAY.

*Approximate Return of Traffic for week ended 4th August 1906 on 162.36 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	28,207	Rs. 21,660 0 0	Mds. 1,35,553 0	Rs. 11,849 0 0	Rs. 35 0 0	Rs. 33,553 0 0	9,134	3,911	13,045
Or per mile of railway ...	173 7 5	133 7 5	832 0	72 15 8	0 5 5	206 10 6	56	24	80
For previous 4 weeks of half-year.	116,844	90,303 0 0	3,55,167 0	48,944 0 0	183 0 0	1,39,360 0 0	36,485	16,714	53,199
Total for 5 weeks ...	144,641	1,11,923 0 0	4,91,719 0	60,793 0 0	188 0 0	1,72,913 0 0	45,609	20,625	66,234
COMPARISON.									
Total for corresponding week of previous year ...	25,176	18,908 14 7	1,69,606 20	10,189 5 0	37 13 9	35,190 2 4	7,486	3,453	10,939
Per mile of railway corresponding week of previous year ...	155	116 6 10	1,044 0	62 11 4	0 3 9	216 6 11	46	21	67
Total for corresponding 4 weeks of previous year ...	101,119	1,05,056 3 1	2,95,164 20	91,411 14 8	264 7 0	1,06,738 6 1	39,168	20,125	59,293

1906.

*Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905.*

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1905	Week ended 7th July ...	32,096	24,445	1,02,045	11,081	42	36,418	224	12,939	2 13 3
1905	" " 14th " ...	30,388	23,906	80,189	11,470	36	34,314	211	13,053	2 8 3
1905	" " 21st " ...	28,217	21,407	79,859	12,850	36	34,273	211	13,299	2 9 3
1905	" " 28th " ...	26,643	21,605	90,104	12,713	37	34,355	212	13,369	2 9 4
1905	" " 4th Aug. ...	26,297	21,609	1,33,553	11,849	35	33,553	207	13,035	2 9 2
	Totals up to date ...	144,641	1,11,923	4,91,719	60,793	188	1,72,913	213	66,234	2 9 9

*Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—conold.*

1906.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1906	First 6 days of July ...	32,256	24,082	2,64,455	30,023	63	44,178	272	14,024	3 2 7
1906	Week ended 15th July ...	29,337	22,337	1,47,354	15,308	53	35,745	220	12,290	3 3 3
1906	" " 22nd " ...	27,096	19,733	1,50,454	17,037	62	36,832	227	10,970	3 5 9
1906	" " 29th " ...	27,252	19,942	2,63,736	24,856	40	44,348	276	11,076	4 0 9
1906	" " 5th Aug. ...	25,176	18,903	1,69,667	16,169	38	35,130	216	10,939	3 3 1
	Totals up to date ...	141,119	1,05,057	9,95,168	91,412	264	1,90,733	236	69,288	3 5 1

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 11th August 1906 on 2,072.99 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	432,025	4,16,088 0 0	58,03,864 0	5,05,535 0 0	50,413 0 0	13,41,001 0 0	120,084	150,333	270,417
Or per mile of railway	208	200 3 6	280 3 6	243 0 0	24 10 9	646 11 3	58	72	130
For previous 5 weeks of half-year	2,318,277	21,19,288 0 0	3,00,82,080 0	45,70,077 0 0	1,61,072 0 0	68,41,687 0 0	618,983	828,365	1,447,348
Total for 6 weeks	2,750,302	25,35,341 0 0	3,58,85,944 0	54,06,212 0 0	1,82,085 0 0	81,82,088 0 0	778,517	984,698	1,763,215
COMPARISON.									
Total for corresponding week of previous year.	412,045	3,84,687 14 8	54,23,200 0	8,43,045 5 8	25,802 12 8	12,58,696 0 7	121,300	153,295	274,595
Per mile of railway corresponding week of previous year.	201	188 7 2	280 3 6	412 15 10	12 10 9	614 1 9	58	72	130
Total for corresponding 6 weeks of previous year.	2,814,128	26,48,000 10 1	3,58,50,278 0	53,27,805 1 7	1,72,010 11 8	81,48,975 7 4	707,703	985,531	1,693,234

(a) The increase is due to greater movements of pilgrims on account of the Moon-Eclipse.  
(b) The increase is chiefly in coal.

1906

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
2,072.99	Week ended 7th July	557,154	4,50,369	63,80,000	9,00,585	24,282	14,40,176	695	305,614	4 11 5
2,072.99	" " 14th "	457,111	4,14,082	64,01,761	9,51,788	20,504	13,96,333	674	304,811	4 7 4
2,072.99	" " 21st "	481,307	4,08,146	60,07,179	9,51,789	30,994	13,92,019	673	297,048	4 11 0
2,072.99	" " 28th "	405,018	3,64,281	40,28,515	8,01,465	30,467	12,36,353	600	293,659	4 9 5
2,072.99	" " 4th Aug.	452,527	4,02,270	63,15,815	9,00,130	30,416	13,72,816	642	299,476	4 9 4
2,072.99	" " 11th "	432,025	4,16,088	58,03,864	5,05,535	50,413	13,41,001	637	285,917	4 11 1
	Totals up to date	2,750,302	25,35,341	3,58,85,944	54,06,212	1,82,085	81,82,088	658	1,763,215	4 10 3

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—concluded.

1905.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
2,041.33	First 8 days of July	560,004	5,07,513	73,45,102	10,75,471	31,069	16,14,733	791	302,064	4 11 7
2,041.33	Week ended 15th "	570,000	4,59,506	57,14,343	8,18,437	20,008	13,00,020	641	291,785	4 7 9
2,041.33	" " 22nd "	459,007	4,14,502	54,05,115	8,51,667	28,775	13,52,004	662	287,188	4 11 7
2,041.33	" " 29th "	473,130	4,30,780	60,00,000	8,88,000	27,024	13,56,798	645	280,045	4 13 6
2,041.33	" " 5th Aug.	420,003	4,14,472	60,12,702	8,20,000	28,004	12,80,000	610	276,501	4 9 1
2,041.33	" " 12th "	412,045	3,84,688	54,23,200	8,43,045	25,802	12,58,696	614	274,061	4 9 0
	Totals up to date	2,814,128	26,48,001	3,58,50,278	53,27,805	1,72,020	81,48,976	650	1,751,284	4 10 3

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 11th August 1906 on 22.23 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	20,010	4,621 0 0	7,832 0	368 0 0	5 0 0	4,988 0 0	903	225	1,168
Or per mile of railway	899	207 13 11	352 0 0	16 4 7	0 3 7	224 6 1	40	10	50
For previous 5 weeks of half-year	119,441	29,760 0 0	68,589 0	1,931 0 0	30 0 0	31,737 0 0	4,815	1,125	5,940
Total for 6 weeks	139,450	34,381 0 0	76,421 0	2,313 0 0	41 0 0	36,725 0 0	5,718	1,350	7,068
COMPARISON.									
Total for corresponding week of previous year.	21,580	5,498 12 10	4,913 10	337 1 0	6 7 0	5,732 4 10	851	181	1,032
Or per mile of railway corresponding week of previous year.	970	247 5 9	220 0 0	15 0 0	0 6 8	257 15 10	38	8	46
Total for corresponding 6 weeks of previous year.	138,077	32,814 13 0	48,987 10	1,662 12 0	61 8 9	34,489 1 9	5,845	1,327	7,172

## TARKESSUR BRANCH RAILWAY—concluded.

1906.

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
22'23	Week ended 7th July ..	33,307	8,487	16,529	574	8	9,469	428	1,188	7 15 6
22'23	" " 14th ..	23,841	5,773	13,596	425	9	6,198	275	1,188	6 2 3
22'23	" " 21st ..	20,118	4,802	12,716	389	7	5,149	236	1,188	4 6 8
22'23	" " 28th ..	18,770	4,388	6,100	247	6	4,641	209	1,188	3 14 6
22'23	" " 4th Aug. ....	21,805	5,050	8,605	321	6	5,380	243	1,188	5 4 7
22'23	" " 11th ..	20,018	4,621	7,892	362	5	4,988	224	1,188	4 3 1
	Totals up to date ..	139,460	34,381	66,421	2,313	41	36,735	275	7,128	5 3 5

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—concluded.

1905.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
22'23	First 8 days of July ..	25,207	5,782	11,200	394	10	6,196	279	1,298	6 12 4
22'23	Week ended 15th ..	39,950	7,812	9,826	283	9	8,134	386	1,352	6 7 11
22'23	" " 22nd ..	26,338	6,519	5,201	213	4	6,735	303	1,010	6 10 8
22'23	" " 29th ..	15,036	3,619	5,222	171	14	3,864	174	1,384	2 12 8
22'23	" " 5th Aug. ....	15,698	3,404	13,416	176	9	3,779	170	1,180	3 2 7
22'23	" " 12th ..	21,980	5,102	6,943	227	6	5,732	268	1,032	5 8 10
	Totals up to date ..	139,077	32,815	48,937	1,503	61	34,430	252	7,173	4 12 10

## DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 11th August 1906 on 162'36 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES ROR.		
	No. of passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
	Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	26,711	21,982 0 0	1,63,002 0	11,474 0 0	33 0 0	26,420 0 0	6,082	18,905	12,987
Or per mile of railway ..	141,041	1,11,932 0 0	4,91,719 0	60,703 0 0	183 0 0	1,72,913 0 0	46,009	20,835	66,844
For previous 5 weeks of half-year ..	173,352	1,33,854 0 0	6,43,721 0	72,267 0 0	221 0 0	2,06,342 0 0	54,691	24,530	79,221
COMPARISON.									
Total for corresponding week of previous year.	26,420	19,446 0 0	1,16,890	10,573 6 0	40 0 3	30,035 0 3	7,531	3,497	11,028
Per mile of railway corresponding week of previous year.	.....	119 12 4	.....	65 2 0	0 4 8	185 3 10	.....	.....	.....
Total for corresponding 6 weeks of previous year.	167,545	1,24,502 3 1	11,11,763 20	1,01,985 4 0	310 7 3	2,26,797 14 4	46,694	23,622	70,316

1906.

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of Railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
162'36	Week ended 7th July ..	32,046	24,415	1,02,045	11,931	42	36,418	224	12,889	8 13 9
162'36	" " 14th ..	29,337	22,806	80,120	11,170	38	34,314	211	13,663	8 8 9
162'36	" " 21st ..	25,217	21,007	70,859	12,430	36	34,273	211	13,270	8 2 3
162'36	" " 28th ..	26,643	21,006	80,104	12,713	37	34,855	212	13,350	8 2 5
162'36	" " 4th Aug. ....	25,297	21,009	1,33,532	11,949	35	33,563	207	13,036	8 0 9
162'36	" " 11th ..	23,711	21,922	1,52,002	11,474	33	33,429	206	12,987	8 0 9
	Totals up to date ..	173,353	1,33,854	6,43,721	72,267	221	2,06,342	213	79,221	8 0 9

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—concluded.

1905.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
162'36	First 8 days of July ..	32,255	24,092	2,64,435	20,023	63	44,178	272	14,024	8 9 3
162'36	Week ended 15th ..	29,337	22,807	1,47,254	13,305	53	33,745	220	12,230	8 5 3
162'36	" " 22nd ..	27,096	19,733	1,50,834	17,037	62	36,832	227	10,070	8 4 4
162'36	" " 29th ..	27,262	19,942	2,03,735	24,854	48	44,848	276	11,670	8 3 3
162'36	" " 5th Aug. ....	25,176	18,003	1,68,567	10,129	34	30,130	216	10,334	8 11 1
162'36	" " 12th ..	26,420	19,446	1,16,890	10,573	41	30,055	193	11,028	8 11 1
	Totals up to date ..	167,545	1,24,503	11,11,764	1,01,985	310	2,26,798	227	70,316	8 5 5

## ASSAM-BENGAL RAILWAY.

*Approximate Return of traffic for the week ended 11th August 1906 on 768 miles open for all descriptions of traffic and an additional 8 miles for goods traffic only.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Actual traffic for the week on 768 miles open	37,079	Rs. 22,746 0 0	Mds. 2,02,628 0	Rs. 61,766 0 0	Rs. 7,771 0 0	Rs. 72,303 0 0	12,151	10,771	22,922
per mile of railway	45.78	29.62	260.63	54.20	10.08	93.90	15.80	20.48	36.28
per mile of railway corresponding week of previous year	225,639	1,29,136 0 0	13,27,719 0	2,04,271 0 0	21,583 0 0	3,54,990 0 0	56,023	47,276	1,03,299
Total for 6 weeks*	262,708	1,51,182 0 0	15,80,347 0	2,40,067 0 0	29,354 0 0	4,27,203 0 0	68,163	1,03,047	1,71,210
COMPARISON.									
Actual for corresponding week of previous year	33,463	19,367 0 0	1,70,473 0	36,260 0 0	4,606 0 0	66,232 0 0	10,342	17,056	27,398
per mile of railway corresponding week of previous year	45.39	26.27	242.53	49.01	6.22	81.30	13.90	24.30	38.20
Actual to corresponding date of previous year	229,463	1,34,529 0 0	9,70,472 0	2,00,849 0 0	24,466 0 0	3,61,834 0 0	62,583	102,609	1,65,192

\* Includes Noakhali Railway earnings Rs. 9,100 and train-mileage 5,124.

## FINANCIAL YEAR.

*Approximate Statement of Gross Receipts of the Assam-Bengal Railway.*

RECEIPTS FOR WEEK ENDING 11TH AUGUST 1906.			RECEIPTS FOR WEEK ENDING 12TH AUGUST 1905.			TOTAL RECEIPTS FROM 1ST APRIL 1906 TO 11TH AUGUST 1906.			TOTAL RECEIPTS FROM 1ST APRIL 1905 TO 12TH AUGUST 1905.			Total increase in 1906.	Total decrease in 1906.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.			Rs.			Rs.	
71,303	93.90	740	60,233	81.50	771	13,58,942	...	740	10,62,815	...	740	2,96,127	...

## BENGAL AND NORTH-WESTERN RAILWAY.

*Approximate Return of Traffic for the week ending 11th August 1906 on 1,551 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Actual traffic for the week on 1,551 miles open	319,800	Rs. (a) 1,22,320	Mds. 5,77,050	Rs. (b) 55,680	Rs. (c) 13,830	Rs. 1,94,630	48,791	(d) 33,368	82,159
per mile of railway	206.54	78.67	372.05	37.83	8.92	125.02	...	...	...
per mile of railway corresponding week of previous year	1,511,680	8,64,470	37,89,930	3,70,110	98,130	10,40,710	235,913	166,090	4,02,003
Total for 6 weeks	1,830,400	7,06,790	48,36,960	4,37,700	99,960	12,44,540	287,704	190,388	4,78,092
COMPARISON.									
Actual for corresponding week of previous year on 1,507 miles open	355,173	1,01,379	6,19,454	66,171	15,400	1,82,950	47,603	(e) 29,733	77,336
per mile of corresponding week of previous year	173.94	69.11	421.58	45.10	10.50	124.71	...	...	...
Actual to corresponding date of previous year	1,630,560	6,33,661	44,09,692	3,01,233	1,04,048	12,39,787	289,862	211,711	5,01,573
Earnings per Coaching, Goods and Mineral train-mile respectively during the week	...	2.81	...	1.76	1.17	2.87	...	...	...
Ditto for the corresponding week of previous year	...	2.13	...	1.23	1.20	2.37	...	...	...

- (a) Increase mainly under local and foreign outward due to return Passenger traffic on account of Lunar Eclipse bathing Meis.  
 (b) Decrease chiefly under local and foreign inward.  
 (c) Ditto principally under steam-boat.  
 (d) Includes 8,120 miles of ballast trains.  
 (e) Ditto 7,041 miles of ballast trains.

## EASTERN BENGAL STATE RAILWAY SYSTEM.

(INCLUDING DACCA SECTION.)

Approximate Return of Traffic and Mileage for the week ended 11th August 1906 on 1,271 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including steam-boat).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	411,530	1,52,010 0 0	14,93,250 0	2,50,530 0 0	13,040 0 0	4,22,430 0 0	59,300	52,221	1,11,521
Or per mile of railway ...	324	120 0 0	1,128 0	202 0 0	*1 0 0	*323 0 0	.....	.....	.....
For previous 5 weeks of half-year ...	1,783,950	7,27,740 0 0	63,56,850 0	9,13,890 0 0	93,230 0 0	17,34,560 0 0	298,192	227,107	525,299
Total for 6 weeks ...	2,195,480	8,80,650 0 0	77,90,100 0	11,02,920 0 0	1, 0,270 0 0	21,50,840 0 0	337,498	279,328	616,826
COMPARISON.									
Total for corresponding week of previous year ...	310,935	1,30,713 0 0	15,31,246 0	2,00,549 0 0	13,834 0 0	4,44,096 0 0	54,687	44,304	98,991
Per mile of railway corresponding week of previous year (1,141 miles) ...	278	115 0 0	1,342 0	202 0 0	1 0 0	375 0 0	.....	.....	.....
Total to corresponding date of previous year ...	2,048,400	8,21,891 0 0	73,35,061 0	11,17,272 0 0	1,10,060 0 0	20,49,623 0 0	337,677	223,016	560,693

\* Excluding ferry earnings, Rs. 12,500.

## DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 11th August 1906 on 84 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	34,500	9,080 0 0	70,200 0	6,470 0 0	80 0 0	15,610 0 0	3,518	2,282	5,800
Or per mile of railway ...	401	108 0 0	836 0	75 0 0	1 0 0	182 0 0	.....	.....	.....
For previous 5 weeks of half-year ...	176,740	47,430 0 0	172,200 0	13,240 0 0	1,850 0 0	62,520 0 0	20,895	9,858	30,753
Total for 6 weeks ...	210,240	56,510 0 0	242,400 0	19,710 0 0	1,910 0 0	78,130 0 0	24,413	9,141	33,554
COMPARISON.									
Total for corresponding week of previous year ...	25,059	8,148 0 0	60,200 0	4,020 0 0	22 0 0	12,188 0 0	2,962	2,242	5,204
Per mile of railway corresponding week of previous year ...	333	98 0 0	770 0	47 0 0	.....	142 0 0	.....	.....	.....
Total to corresponding date of previous year ...	153,239	50,321 0 0	183,710 0	13,920 0 0	805 0 0	63,045 0 0	21,721	7,638	29,359

## COOCH BEHAR RAILWAY—NATIVE SECTION.

Approximate Return of Traffic and Mileage for the week ended 11th August 1906 on 33.6 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,150	900 0 0	1,750 0	160 0 0	80 1 0	1,110 0 0	460	(27)551	1,731
Or per mile of railway ...	64	27 0 0	62 0	5 0 0	1 0 0	33 0 0	.....	.....	.....
For previous 5 weeks of half-year ...	15,080	6,421 0 0	1,64,170 0	5,590 0 0	20 0 0	12,030 0 0	2,414	3,818	6,232
Total for 6 weeks ...	17,230	7,320 0 0	1,65,920 0	5,750 0 0	70 0 0	13,140 0 0	2,884	4,409	7,293
COMPARISON.									
Total for corresponding week of previous year ...	2,781	988 0 0	10,080 0	667 0 0	18 0 0	1,667 0 0	460	383	843
Per mile of railway corresponding week of previous year ...	83	29 0 0	310 0	20 0 0	1 0 0	50 0 0	.....	.....	.....
Total to corresponding date of previous year ...	18,062	6,563 0 0	55,314 0	4,930 0 0	55 0 0	11,547 0 0	2,934	3,388	6,322

(a) Ballast train-miles, 200.



MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 11th August 1906 on 50.69 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,260	2,030 0 0	24,510 0	1,300 0 0	30 0 0	3,060 0 0	1,038	300	1,438
Or per mile of railway ...	163	82 0 0	484 0	26 0 0	.....	78 0 0	.....	.....	.....
For previous 5 weeks of half-year ...	43,220	13,060 0 0	75,840 0	5,170 0 0	90 0 0	18,920 0 0	6,081	1,009	7,140
Total for 6 weeks ...	51,480	15,300 0 0	1,00,350 0	6,470 0 0	120 0 0	22,880 0 0	7,119	1,449	8,569
COMPARISON.									
Total for corresponding week of previous year ...	9,008	2,559 0 0	74,964 0	3,567 0 0	20 0 0	6,155 0 0	1,038	508	1,604
Per mile of railway corresponding week of previous year ...	167	80 0 0	1,450 0	69 0 0	1 0 0	120 0 0	.....	.....	.....
Total to corresponding date of previous year ...	54,287	15,441 0 0	1,72,607 0	5,196 0 0	91 0 0	23,738 0 0	7,348	1,648	8,996

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

				Rs.	A.	P.		
Approximate earnings for the week ending 18th August 1906	...	{ Coaching	...	4,726	0	0	13,510 0 0	
		{ Goods	...	8,716	0	0		
		{ Other earnings	...	69	0	0		
Audited earnings for the corresponding period of 1906	...	{ Coaching	...	5,140	0	0	15,763 0 0	
		{ Goods	...	10,530	0	0		
		{ Other earnings	...	74	0	0		
Decrease							...	2,243 0 0
Receipts per mile for the week ending 18th August 1906							264 14 5	
Ditto for the corresponding period of 1906							308 14 1	
Decrease							...	43 15 8
Receipts from 1st July to 18th August 1906	...	...	...	...	...	...	98,433 0 0	
Ditto for the corresponding period of 1906	...	...	...	...	...	...	1,18,112 0 0	
Decrease							...	19,679 0 0



SUPPLEMENT TO  
**The Calcutta Gazette.**

WEDNESDAY, SEPTEMBER 5, 1906.

OFFICIAL PAPERS.

[Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of five rupees per annum if delivered in Calcutta, or seven rupees and eight annas if sent by post.]

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**RESOLUTION REVIEWING THE REPORTS ON THE WORKING OF THE PURI LODGING-HOUSE ACT DURING 1905-06.**

MUNICIPAL DEPARTMENT—SANITATION.

*Darjeeling, the 29th August 1906.*

RESOLUTION No. 62T.—S.

READ—

The Reports from the Commissioners of Divisions on the working of the Puri Lodging-House Act during the year 1905-06, in the various places to which it has been extended.

The Reports on the working of the Lodging-House Act are due to Government on the 1st June, but the only report received by that date was from the Burdwan Division, while the report from the Presidency Division was not received till the 9th July. The Lieutenant-Governor must again insist on the punctual submission of these reports in future.

2. The Act was not extended to any new area during the year, and no amendment or alteration was made in the rules. The Chittagong Division having been transferred to the Province of Eastern Bengal and Assam, the figures for Sitakund have been excluded from the returns. Proposals for the amendment of the Act have lately been submitted by the Commissioner of Orissa and are at present under the consideration of Government.

There was a further decrease in the number of licensed lodging-houses, which has fallen from 3,013 in 1902-03 to 1,743 in 1905-06, although the number of persons for whom accommodation was provided has not decreased

in proportion. In Puri town, there was an increase of 20 in the number of houses licensed, but as greater strictness was observed in granting licenses as many as 112 were suspended during the year, the licensees being either reluctant to carry out the improvements suggested or taking an unreasonably long time to do so. The attendance during the *Rath Jatra* and *Dol Jatra* festivals was smaller than in the previous year, only 60,000 pilgrims visiting the town as compared with 80,000 in 1904-05. The decrease as ascribed to the fact that the year was an inauspicious one for pilgrimage.

3. The income of the funds during the year, excluding the opening balance, was Rs. 80,740 as against Rs. 77,644 of the preceding year; the expenditure was Rs. 82,456 as compared with Rs. 99,541 in 1904-05, the closing balance being reduced from Rs. 30,957 to Rs. 29,227. The decrease in expenditure is most noticeable in the Orissa Division, being only Rs. 43,572 as against Rs. 62,154 in 1904-05. This is mainly due to the fact that the greater part of the work on the Bogla rest-house at Puri was done during 1904-05, and the expenditure in that year was consequently greater than usual. There was also a large decrease in expenditure in the Bhagalpur Division, where there was a fall of Rs. 8,913 under the head "Miscellaneous." The expenditure during the preceding year was of a special nature on account of the cost of acquiring camping-grounds.

4. Five hundred and twenty-three prosecutions were instituted under the Act during the year, in which 447 persons were convicted, the total fines imposed amounting to Rs. 9,194-8. The fines imposed in individual cases varied in the different districts in a marked degree. In Gaya, for instance, 242 persons were convicted, and the total amount of fines imposed was Rs. 3,883; while in Puri 147 persons were convicted and the amount of fines imposed was Rs. 4,981. In the case of Gaya the variation as compared with last year is still more remarkable. In 1904-05 the number of convictions was 127 as against 242 in 1905-06, and the total amount of fines imposed Rs. 4,962 as against Rs. 3,883.

5. The Lieutenant-Governor is glad to notice that, on the whole, the health of the pilgrims was good throughout the year. There were, however, serious outbreaks of cholera in Gaya during September and October 1905, while in Puri the total number of deaths rose from 143 to 443 in the year under report, the principal causes being cholera, fever, diarrhoea and dysentery. During the festivals of the *Rath Jatra* and the *Dol Jatra* only 17 cases of cholera occurred amongst the pilgrims. In Puri the attention of the Health Officer was specially directed to the improvement of the wells which form the principal source of water-supply for the pilgrims, and most of the wells were painted inside with cement to prevent percolation. The question of the improvement of the sanitation of Puri is still under the consideration of Government. A drainage scheme has been drawn up and approved at an estimated cost of Rs. 1,70,000, and the detailed plans and estimates are now under preparation. A definite scheme for the improvement of the water-supply of the town is also being prepared and will shortly be submitted for the approval of Government.

6. The Act has worked well during the year, and the thanks of the Lieutenant Governor are due to the local officers responsible for its administration.

ORDER.—Ordered that a copy of the Resolution be submitted to the Government of India in the Home Department, and that copies be forwarded to the Commissioners of the Burdwan, Presidency, Patna, Bhagalpur and Orissa Divisions, for information.

Ordered also that a copy of the Resolution be communicated to the Sanitary Commissioner and to the Sanitary Board, Bengal, for information, and that it be published in the *Calcutta Gazette* for general information.

By order of the Lieutenant-Governor of Bengal,

H. J. McINTOSH,

Offg. Secy. to the Govt. of Bengal.

## WEATHER AND CROP REPORT.

For the week ending the 3rd September 1906.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
1	BURDWAN ...	Inches. ...	6½	6½	Rain wanted throughout the district. Young plants losing vigour for want of moisture. Harvesting of jute begun. Transplantation going on, though not as it ought to be for want of rain. Prospect of winter rice not good. Fodder and water sufficient.
2	BIRBHUM ...	0.84	7½	8	Weather seasonable. Transplantation of paddy nearly finished. No cattle-disease. Fodder and water sufficient.
3	BANKURA ...	1.20	8	8	Weather seasonable. More rain wanted. Standing crops doing well. Cattle-disease reported from Saltora outpost. Fodder and water sufficient.
4	MIDNAPORE ...	1.24	9	9½	Weather seasonable. Transplantation of winter paddy continues. <i>Aus</i> paddy is being reaped at Sadar. Fodder and water sufficient. No cattle-disease.
5	HOOGHLY ...	2.34	6½	6½	Rainfall general. Weather seasonable. More rain wanted. Prospect of jute fair. Transplantation of <i>aman</i> paddy still continues. Fodder and water sufficient. No cattle-disease.
6	HOWRAH ...	2.76	6½	7½	Transplantation of paddy seedlings is almost finished. The recent rain has been beneficial to the winter rice crop. <i>Sanki</i> insects have almost disappeared. Standing crops are doing well. Jute is being cut and steeped. Flax fibre is coming into the market. No cattle-disease reported. Fodder and water for cattle sufficient.
7	24-PARGANAS	2.39	7	7½	Rainfall general. Weather hot. More rain wanted everywhere. Transplantation of winter rice still going on. Harvesting of jute going on briskly. State of standing crops good. Prospects of autumn and winter paddy fair and of jute favourable. Damage to winter rice crop from drought reported from Basirhat. Condition of cattle good, but cattle-disease is still prevalent in Harwa thana. Fodder and water sufficient. High prices prevail. Arrangements are being made to give relief in thanas Bistupur, Tollygunge, and Falta, where there is distress. Subscriptions have also been invited for a charitable relief fund. The distress is due to high price of rice. The rice crop on the ground is, however, promising, and only needs rain to end of September.
8	NADIA ...	0.22	6	6½	Rainfall general. Prospects of standing crops and jute good, but flood has damaged them to some extent. Harvesting of <i>aus</i> paddy and jute going on. Steeping of jute commenced. Fodder and water sufficient. No cattle-disease.
9	MURSHIDABAD	0.57	7½	7½	Weather seasonable. The flood-water has submerged to a great extent the <i>aus</i> paddy and jute. Prospects of sugarcane and jute good. Fodder scarce. No cattle-disease. Scarcity is apprehended in Lalbagh subdivision.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
10	JESSORE ...	1.13	7	7½	Weather seasonable. Fall general except at Bargaon. <i>Bhadoi</i> crops considerably damaged by flood in the Narail, Magura and Jhenidah subdivisions. Some damage caused in Narail by the breach of the Bagdanga <i>khal</i> . Harvesting of <i>aus</i> and jute and transplantation of paddy continue. Fodder and water sufficient. No cattle-disease. Slight distress and high prices.
11	KHULNA ...	1.88	5½	7	Rainfall general. Weather seasonable. Transplantation of winter rice estimated at 54 per cent. Transplantation retarded at Bagerhat for flood. Sowing of <i>til</i> finished. As regards jute, rainfall and weather seasonable; condition fair; sowing finished. No cattle-disease. Fodder and water sufficient.
12	PATNA ...	2.10	8½	8	Weather hot and cloudy. Transplantation of paddy almost finished. Its completion retarded for want of sufficient rain in high lands. Prospects of <i>bhadoi</i> crops fair. Harvesting of <i>marua</i> continues. Fodder and water for cattle sufficient.
13	GAYA ...	0.42	8	8½	Weather hot with some showers. Sugarcane and <i>bhadoi</i> crops promise well. More rain wanted in Aurangabad, Nowada and parts of Sadar subdivisions. Fall during the week low everywhere. Transplantation of paddy crop almost completed. Fodder and water for cattle sufficient. Cattle-pox reported from a few villages in the Sadar subdivision.
14	SHAHABAD ...	0.22	9	9½	Rainfall general. Sugarcane doing well. More rain urgently wanted for completion of transplantation of paddy. Harvesting of <i>bhadoi</i> going on. No cattle-disease. Fodder sufficient except Sardar. Water sufficient.
15	SARAN ...	0.17	8½	9½	Weather hot with bright sunshine. Transplantation of paddy almost finished. <i>Marua</i> being harvested. Sugarcane doing well. Indigo manufacturing going on. Flood-water subsiding. <i>Bhadoi</i> and <i>agha</i> on low land damaged by excessive rain. Some distress apprehended in parts of Gopalganj subdivision. No cattle-disease. Fodder and water sufficient. Maize sells at 11 seers per rupee.
16	CHAMPARAN ...	Nil	8½	9	No rain. Weather bright and hot. Transplantation of winter rice continues. <i>Bhadoi</i> paddy being harvested. Average outturn expected 67 per cent. Prospects of standing crops reduced by flood. No cattle-disease. Fodder and water sufficient. Maize not in market. Prices slightly risen.
17	MUZAFFARPUR	2.02	6½	7	Rainfall general. Weather hot and sometimes cloudy. Sadar and Sitamarhi still flooded. Water slowly subsiding. The little of <i>marua</i> and <i>aman</i> that have escaped the flood are being harvested. Fodder quite sufficient.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in annas, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
18	DARBHANGA ...	Nil	7 $\frac{9}{16}$	7 $\frac{11}{16}$	Weather bright and hot and at times cloudy with east wind. Flood subsiding rapidly. Re-transplantation of winter rice going on in places where floods have subsided. Communication with Samastipur not restored yet. Further takavi loans being granted in affected areas. Insufficiency of fodder still continues. Cattle-disease reported from one village in Madheypur outpost. Cholera has broken out in several places. Distress relief centres have been opened in various places throughout the district where cooked food is being distributed to the destitute. Poor-houses opened in Darbhanga town Samastipur and Madhubani. Acute distress reported from Bahera and Reserha thanas. Several thousand destitute persons being fed daily at different centres from District Board funds. Figures for Sadar subdivision relieved gratuitously during week 4,641 approximately, for Samastipur 11,905. Prices are expected to fall on communication being resumed.
19	MONGHYR ..	0.39	7	6 $\frac{1}{2}$	Weather hot and dry. Transplantation of paddy delayed for want of rain. Prospects of standing <i>bhadoi</i> crop good, except in flooded tracts where they are wholly damaged. Paddy suffering for want of rain. No cattle-disease. Fodder and water sufficient.
20	BHAGALPUR ...	0.09	7 $\frac{1}{2}$	7 $\frac{1}{2}$	Weather dry for the time of the year. Harvesting of <i>marua</i> and <i>makai</i> have commenced. Standing crops doing well in the north except in a small portion of the Madhipura and part of the Supaul subdivisions where much damage has been done by the flood. More rain wanted in the south. Cattle-disease reported from three thanas. Fodder and water sufficient.
21	PURNA ...	1.47	6 $\frac{1}{2}$	6	Heavy floods have greatly damaged both <i>bhadoi</i> and winter paddy. Transplantation of <i>aghani</i> paddy nearly finished. Harvesting of <i>bhadoi</i> and cutting of jute continue. Prospects of <i>bhadoi</i> , <i>aghani</i> paddy and jute fair except in flooded areas. Cattle-disease reported from Islampur. Fodder rather insufficient in places. Roads and bridges breached at places owing to floods.
22	DARJEELING ...	2.71	6	7	Weather seasonable. Hills—Maize and potatoes being harvested. Winter rice, <i>bhadoi ahan</i> and <i>marua</i> in fair state. Terai—Jute being out and steeped. Winter rice being transplanted.
23	SONTHAL PAR- GANAS.	0.68	8 $\frac{1}{2}$	8	Rainfall general, but insufficient. Transplantation of winter rice over. Prospect of autumn rice favourable. Standing crops doing well. No cattle-disease. Fodder and water sufficient. Prices of common rice ruling high. Rajmahal report not received.
24	CUTTACK ...	3.15	8 $\frac{1}{2}$	10 $\frac{1}{2}$	More rain badly wanted. <i>Bia'ti</i> and <i>mandua</i> being cut. <i>Saradh</i> , jute, sugarcane, turmeric and cotton growing. Fodder and water sufficient. No cattle-disease.
25	BALASORE ...	0.69	8	8 $\frac{1}{2}$	Weather hot. Rain badly wanted and crops suffering badly in places. <i>Ashu</i> ripening, and at places being harvested. Transplanting and weeding of <i>saradh</i> continue, but retarded in many places for insufficient rain. Sugarcane and jute growing. State of other crops good. Fodder and water sufficient.
26	ANGUL ...	2.66	9	9	Weather cloudy. Transplantation and puddling of winter rice in progress. <i>Bhadoi</i> crop doing well. Cattle-disease reported from the interior.



No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
27	PURI ...	0.49	9 $\frac{2}{3}$	10 $\frac{1}{2}$	Weather seasonable. Sugarcane coming up well. <i>Biali</i> and <i>mandua</i> being reaped in some places and ripening in others. Transplantation of <i>sarada</i> nearly finished and weeding estimated at 75 per cent. of usual area. Miscellaneous crops doing well. No cattle-disease. Fodder and water sufficient.
28	SAMBALPUR ...	2.03	9	8 $\frac{1}{2}$	Rainfall general. The operation of reploughing and transplantation complete in Bargarh tahsil. Weeding of <i>aman</i> in progress. Sowing of <i>til</i> , <i>urid</i> and <i>kulthi</i> in progress. Autumn rice plants have not attained full growth in Sambalpur tahsil for want of sufficient rain. Prospects of standing crops are good in Bargarh tahsil. Cattle-disease is prevalent to a small extent. Fodder and water-supply sufficient.
29	HAZARIBAGH ...	...	10	10 $\frac{1}{2}$	Prospects of standing crops good. Transplantation nearly finished. Rain wanted. Fodder and water sufficient. Cattle-disease reported from four thanas. Cholera still continues. Common rice sells at 8 seers a rupee at Giridih.
30	RANCHI ...	3.57	10	10 $\frac{1}{2}$	Weather seasonable. Standing crops doing well. <i>Gora</i> paddy ripening in places. Sowing of <i>sirguja</i> and <i>kurthi</i> commenced in the Khunti subdivisions. Cattle-disease reported from three thanas. Fodder and water sufficient.
31	PALAMAU ...	1.33	9	10 $\frac{1}{2}$	Weather seasonable. Standing crops generally doing well. Transplantation of paddy finished in certain thanas and nearly finished in others. <i>Kurthi</i> and <i>til</i> being sown. A little cattle-disease. Fodder and water sufficient. The rise in price of common rice appears to be due to the fact that rice is being sent in large quantities to districts in which scarcity prevails.
32	MANRHUM ...	...	...	.....	Report not received.
33	SINGHRHUM ...	2.08	8	9	Transplantation of paddy nearly finished. Cattle-disease reported from thanas Chakradharpur and Monaharpur. Fodder and water sufficient.
34	COOCH BEHAR	1.19	6 $\frac{1}{2}$	6 $\frac{1}{2}$	Weather hot and cloudy. Transplantation of winter rice and harvesting of <i>bhadoi</i> going on. Cutting, steeping and washing of jute continue. Fodder and water sufficient. Cattle-disease reported from thanas Dinhat and Tufanganj.

GENERAL SUMMARY.—Rain was fairly general, but for the most part light except at Outtack and Ranchi, where the fall was moderate. More rain is needed for winter paddy in most of the districts of the Burdwan and Orissa Divisions. In Darbhanga distress prevails on account of serious damage done by the recent rain and floods. Poor-houses have been opened at different centres with District Board funds for feeding several thousand destitute persons. Scarcity is also apprehended in parts of Jessore, Murshidabad, Saran and the 24-Parganas on account of the high prices of food-grains. Prospects of the *aman* paddy are on the whole fair except in Darbhanga. Cattle-disease is reported from thirteen districts. Water-supply is sufficient. Fodder is insufficient in Murshidabad and Darbhanga. The price of common rice has risen in twenty-two districts and fallen in five. It continues to be very high in most districts.

C. A. OLDHAM,

Director of Agriculture, Bengal.

DEPT. OF AGRICULTURE, BENGAL,

The 4th September 1906.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

*Approximate Return of Traffic on the Circular and Eastern Canals for the week ending Saturday, the 1st September 1906, as compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 1st SEPTEMBER 1906.			WEEK ENDING SATURDAY, THE 2nd SEPTEMBER 1905.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
		Mds.	Rs.		Mds.	Rs.
Rice and paddy ... ..	404	1,03,375	907	493	46,566	699
Jute ... ..	134	20,500*	283	66	18,200†	229
Firewood ... ..	98	91,970	1,417	69	49,800	751
Other articles ... ..	456	1,05,165	1,283	618	1,46,972	1,726
Total ... ..	1,092	3,21,010	3,890	1,226	2,61,538	3,405

\* Weight by canal measurement, 23,687½ maunds.  
† Ditto ditto, 21,637½ ..

**Results of the Meteorological Observations taken at the Alipore Observatory from  
26th August to 1st September 1906.**

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1906.				Inches.						Inches.		%			Inches.	
Aug.	26th	142.7	7.9	29.528	81.9	86.9	9.5	77.4	77.9	0.916	76.6	88	ESE and SE by E	188	0.55	Partially cloudy o, d, p.
"	27th	140.9	7.1	451	82.0	86.5	8.5	78.0	77.9	.912	76.4	86	ESE and E by S	294	0.38	Partially cloudy d, p.
"	28th	127.4	0.3	486	80.7	85.1	8.2	76.9	77.7	.918	76.6	90	E by S, ESE and SE by E.	221	0.16	Chiefly cloudy o, g, p, d.
"	29th	141.8	8.2	602	80.8	85.9	9.7	76.2	78.0	.931	77.1	90	SSE, ESE and SSW.	107	0.39	Chiefly cloudy o, p, d.
"	30th	147.6	8.7	630	84.2	90.8	12.7	78.1	79.1	.926	76.9	80	SSW and S by W	71	0.82	Partially cloudy ☐.
"	31st	152.9	6.8	656	85.3	91.7	12.2	79.5	80.8	.989	78.9	82	S by W and VSW.	63	Nil	Partially cloudy
Sept.	1st	147.4	5.5	686	86.0	92.4	12.3	80.1	81.4	1.008	79.5	80	SW, WSW and N	51	0.01	Partially cloudy d.

The mean pressure of the seven days	...	...	...	...	29.570
The average pressure of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	29.632
The total number of hours of bright sunshine	...	...	...	...	39.5
The maximum possible number of hours of sunshine	...	...	...	...	95.3
The mean temperature of the seven days	...	...	...	...	83.0
The average temperature of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	83.5
The extreme variation of temperature	...	...	...	...	16.2
The maximum temperature	...	...	...	...	92.4
The highest velocity of the wind in one hour	...	...	...	...	20
The mean relative humidity	...	...	...	...	85
The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	85
The total fall of rain from 26th August to 1st September 1906	...	...	...	...	2.31
The average fall of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	2.01
The total fall from 1st January to 1st September 1906	...	...	...	...	43.05
The average fall of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	43.66

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and from observations.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed at the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground. The rainfall reported on any day is for 24 hours preceding 8 A.M. of that day.

o, overcast; g, gloomy; d, drizzling rain; p, passing temporary showers, ☐, light corona.

O. W. FRANK,

METEOROLOGICAL OFFICE, GOVT. OF INDIA;  
Alipore (Calcutta), the 3rd September 1906.

for Meteorological Reporter to the Govt. of India  
and Director-General of Indian Observatories

## Weekly Return of Traffic Receipts on Indian Railways

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 18th August 1906 on 2,067·62<sup>00</sup> miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Net traffic for the week	411,784	3,80,580 0 0	59,05,519 0	9,16,333 0 0	28,866 0 0	13,25,749 0 0	129,744	160,097	290,371
per mile of railway	183 4 8	183 4 8	258 10 0	438 18 2	13 13 3	635 0 10	.....	.....	.....
Previous 6 weeks of half-year	2,760,815*	25,33,513 0 0*	3,63,70,860 0†	54,74,846 0 0†	1,77,889 0 0†	81,93,238 0 0	777,802‡	986,707‡	1,763,509
Total for 7 weeks	3,172,649	29,13,043 0 0	4,22,76,075 0	63,91,199 0 0	2,06,765 0 0	95,11,007 0 0	907,546	1,135,534	2,042,880
COMPARISON.									
Net for corresponding week of previous year.	423,019	3,76,063 15 0	49,30,968 0	7,43,510 1 4	26,601 1 0	11,40,495 1 4	123,177	146,560	269,757
per mile of railway corresponding week of previous year.	.....	183 14 5	.....	365 11 5	13 0 2	560 10 0	.....	.....	.....
Net for corresponding 7½ weeks of previous year.	2,336,147	30,25,074 9 1	4,07,51,246 0	60,71,175 2 11	1,90,230 12 8	92,95,470 8 8	889,040	1,132,111	2,021,051

\* Increase of 14·63 miles is due to addition of 9·49 mean mileage on account of opening of Manpur-Paharpur section (16·60 miles) from 15th August 1906 and 5 miles short included in previous returns.

(a) The increase is chiefly in coal.

\* Added No. of passengers 10,013 and deducted Rs. 1,826

Do. Mds. 5,34,073 and

Deducted

Audited figures up to 7th July 1906.

On account of difference between the approximate and audited figures for the week ended 7th July 1906.

66

## Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No. Rate.
72'13	Week ended 7th July.	567,167	4,42,461	69,19,074	9,69,810	25,086	14,42,766	694	304,938
72'20	" " 14th "	457,111	4,14,082	54,01,761	8,51,748	30,303	13,06,873	614	304,811
72'26	" " 21st "	430,367	4,08,346	60,07,179	9,56,700	30,804	13,20,919	673	297,345
72'30	" " 28th "	405,018	4,04,381	49,32,815	8,01,465	30,067	13,36,363	596	290,399
72'31	" " 4th Aug.	439,887	4,42,970	63,15,115	9,04,134	30,416	13,72,516	602	294,376
72'31	" " 11th "	433,035	4,15,063	59,03,954	8,95,545	30,413	13,41,001	647	285,017
72'33	" " 18th "	411,784	3,80,580	59,05,519	9,16,333	28,866	13,25,749	635	280,371
	Totals up to date	3,172,649	29,13,043	4,22,76,075	63,91,199	2,06,765	95,11,007	653	2,042,880

## Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—concluded.

1905.

1901'33	First 8 days of July	No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1901'31	Week ended 15th "	569,004	5,07,523	73,45,163	10,75,471	31,609	16,14,733	791	342,084	4 11 7
1901'31	" " 22nd "	530,093	4,59,596	55,14,318	8,18,437	30,993	13,04,036	641	291,745	4 7 9
1901'31	" " 29th "	453,067	4,41,803	64,65,115	8,51,697	28,775	13,32,404	603	294,168	4 11 7
1901'31	" " 5th Aug.	453,430	4,40,780	60,14,732	8,55,068	27,194	13,56,768	606	290,045	4 13 6
1901'31	" " 12th "	483,683	4,14,472	60,14,732	8,20,033	28,394	12,63,549	619	276,531	4 9 1
1901'31	" " 19th "	412,045	3,84,638	54,21,220	8,43,045	26,365	12,53,594	614	274,091	4 9 0
1901'33	" " 19th "	423,019	3,76,064	49,30,968	7,43,510	26,601	11,40,495	591	269,757	4 6 0
	Totals up to date	3,236,147	30,25,075	4,07,51,246	60,71,175	1,90,231	92,95,471	637	2,021,051	4 9 7

\* Audited figures.

## TARESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 18th August 1906 on 22·23 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Net traffic for the week	18,735	4,021 0 0	5,506 0	224 0 0	7 0 0	4,202 0 0	963	236	1,199
per mile of railway	180 14 1	180 14 1	.....	10 8 5	0 5 1	191 11 7	.....	.....	.....
Previous 6 weeks of half-year	166,067*	36,190 0 0*	64,741 0†	2,392 0 0†	48 0 0†	38,330 0 0†	5,931‡	1,561‡	7,192
Total for 7 weeks	184,702	40,311 0 0	70,347 0	2,586 0 0	55 0 0	42,792 0 0	6,794	1,586	8,380
COMPARISON.									
Net for corresponding week of previous year.	19,379	4,228 5 2	46,105 10	687 3 0	0 2 3	4,871 13 5	975	199	834
per mile of railway corresponding week of previous year.	.....	180 10 8	.....	26 2 8	0 4 5	219 2 6	.....	.....	.....
Net for corresponding 7½ weeks of previous year.	157,346	27,053 5 3	91,102 20	2,189 15 0	67 11 0	39,310 15 2	4,890	1,486	6,006

\* Added No. of passengers 6,597 and  
Deducted Mds. 1,080  
Added  
Audited figures up to 7th July 1906.

Rs. 1,809 On account of difference between the approximate and audited figures for the week ended 7th July 1906.

## TARKESSUR BRANCH RAILWAY—concluded.

1906.

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rs.
22-23	Week ended 7th July	41,904	10,696	14,889	553	15	11,264	507	1,252	6
22-23	" " 14th "	23,381	5,678	13,590	496	9	6,193	275	1,188	6
22-23	" " 21st "	20,118	4,803	12,706	380	7	5,449	236	1,188	6
22-23	" " 28th "	18,770	4,388	9,100	247	6	4,641	200	1,188	3
22-23	" " 4th Aug.	21,805	5,050	9,615	324	6	5,389	253	1,188	5
22-23	" " 11th "	20,010	4,621	7,893	262	5	4,988	224	1,188	4
22-23	" " 18th "	18,735	4,021	5,506	234	7	4,283	192	1,188	3
	Totals up to date	164,792	40,211	70,247	2,598	55	42,792	275	8,390	1

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—concluded.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rs.
22-23	First 8 days of July	25,207	5,782	11,300	384	19	6,195	279	1,298	6
22-23	Week ended 15th "	33,050	7,812	9,935	283	9	8,134	366	1,252	6
22-23	" " 22nd "	20,898	6,510	5,291	213	4	6,735	303	1,010	6
22-23	" " 29th "	15,036	3,670	4,232	171	14	3,864	174	1,384	3
22-23	" " 5th Aug.	15,606	3,404	13,446	276	9	3,779	170	1,198	3
22-23	" " 12th "	21,080	5,400	4,043	227	6	5,733	268	1,032	5
22-23	" " 19th "	19,279	4,290	42,105	627	6	4,878	219	834	3
	Totals up to date	157,556	37,054	91,102	2,190	67	39,511	218	8,006	1

\* Audited figures.

## DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 18th August 1906 on 162-36 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES.		
	No. of passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	27,651	20,761 0 0	1,68,000 0	13,128 0 0	40 0 0	33,923 0 0	9,133	3,951	13,084
Or per mile of railway	127 13 11	127 13 11	80 13 9	80 13 9	0 3 11	203 15 7	54,680 5	24,807 5	79,487 5
For previous 6 weeks of half-year	172,413*	1,30,682 0 0	6,75,076 0†	73,341 0 0†	257 0 0†	2,04,280 0 0	54,680 5	24,807 5	79,487 5
Total for 7 weeks	200,064	1,51,443 0 0	8,43,076 0	86,469 0 0	277 0 0	2,39,189 0 0	63,783	28,718	92,501
COMPARISON.									
Total for corresponding week of previous year.	25,705	18,490 13 3	83,527 80	9,608 0 0	33 8 0	28,146 5 3	7,560	3,693	11,253
Per mile of railway corresponding week of previous year.	127 13 11	113 15 1	80 13 9	80 13 9	0 3 10	173 5 9	54,680 5	24,807 5	79,487 5
Total for corresponding 7 weeks of previous year.	103,250	1,43,003 0 4	11,05,291 10	1,11,563 4 0	348 15 3	2,64,944 3 7	54,254	27,315	81,569

\* Deducted No. of passengers 830 and

† Added Mds. 31,955 and

‡ Ditto

§ Audited figures up to 7th July 1906.

On account of difference between the approximate and audited figures for the week ended 18th August 1906.

1906.

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of Railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rs.
162-36	Week ended 7th July	31,187	21,273	1,34,000	13,003	68	34,350	211	13,134	3
162-36	" " 14th "	20,588	22,506	86,159	11,170	38	31,314	211	13,053	3
162-36	" " 21st "	24,217	21,107	79,839	12,830	36	34,273	211	13,200	3
162-36	" " 28th "	20,643	21,685	69,104	7,713	37	34,265	212	13,350	3
162-36	" " 4th Aug.	23,207	21,680	1,3,352	11,449	35	33,553	207	13,035	3
162-36	" " 11th "	23,711	21,922	1,82,402	11,474	35	31,829	200	12,097	3
162-36	" " 18th "	27,651	20,701	1,64,000	13,128	40	33,923	200	13,084	3
	Totals up to date	200,064	1,51,443	8,43,076	86,469	277	2,39,189	210	92,501	3

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—concluded.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rs.
162-36	First 8 days of July	32,255	23,092	2,64,435	30,023	63	44,175	272	11,024	3
162-36	Week ended 15th "	28,347	22,867	1,47,264	12,305	53	35,745	220	12,250	3
162-36	" " 22nd "	27,096	10,753	1,50,834	17,097	62	36,862	227	10,900	3
162-36	" " 29th "	27,252	10,662	2,65,735	24,859	48	44,519	276	11,076	3
162-36	" " 5th Aug.	25,176	18,503	1,68,607	18,150	35	35,156	216	10,028	3
162-36	" " 12th "	26,426	19,406	1,16,699	10,578	41	30,029	185	11,028	3
162-36	" " 19th "	26,705	18,429	89,587	9,008	39	28,146	178	11,253	3
	Totals up to date	193,250	1,43,003	11,05,291	1,11,563	349	2,64,944	220	81,569	3

\* Audited figures.

## ASSAM-BENGAL RAILWAY.

*Approximate Return of traffic for the week ended 18th August 1906 on 768 miles open for all descriptions of traffic and an additional 8 miles for goods traffic only.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	37,011	23,356 0 0	3,48,731 0	54,114 0 0	6,817 0 0	84,267 0 0	11,440	15,083	26,523
Or per mile of railway ...	48'19	30'39	457'31	70'19	8'84	109'42	14'90	19'58	34'48
For previous 6 weeks of half-year ...	200,453	1,40,680 0 0	16,03,532 0	2,47,814 0 0	29,388 0 0	4,20,883 0 0	67,704	103,537	171,241
Total for 7 weeks*	237,464	1,73,016 0 0	19,52,263 0	2,51,928 0 0	36,205 0 0	5,11,140 0 0	79,234	118,620	197,854
COMPARISON.									
Total for corresponding week of previous year ...	31,822	19,465 0 0	2,10,988 0	37,084 0 0	3,004 0 0	60,153 0 0	10,381	17,248	27,629
Or per mile of railway corresponding week of previous year ...	48'18	28'41	288'12	50'11	4'87	81'30	14'00	23'30	37'30
Total to corresponding date of previous year ...	261,275	1,63,995 0 0	11,81,458 0	2,37,833 0 0	30,060 0 0	4,21,888 0 0	72,004	119,751	191,755

\* Includes Noakhali Railway earnings Rs. 10,560 and train-mileage 5,078.

## FINANCIAL YEAR.

*Approximate Statement of Gross Receipts of the Assam-Bengal Railway.*

RECEIPTS FOR WEEK ENDING 18TH AUGUST 1906.			RECEIPTS FOR WEEK ENDING 19TH AUGUST 1905.			TOTAL RECEIPTS FROM 1st APRIL 1906 TO 18TH AUGUST 1906.			TOTAL RECEIPTS FROM 1st APRIL 1905 TO 19TH AUGUST 1905.			Total increase in 1906.	Total decrease in 1906.
Mean-mileage worked.	Receipts.	Per mile worked.	Mean-mileage worked.	Receipts.	Per mile worked.	Mean-mileage worked.	Total receipts.	Per mile worked per week.	Mean-mileage worked.	Total receipts.	Per mile worked per week.		
771	Rs. 84,267	Rs. 109'42	740	Rs. 60,153	Rs. 81'39	771	Rs. 14,42,708	...	740	Rs. 11,22,968	...	Rs. 3,19,830	...

## BENGAL AND NORTH-WESTERN RAILWAY.

*Approximate Return of Traffic for the week ending 18th August 1906 on 1,548(d) miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 1,548(d) miles open ...	240,760	83,440	6,17,930	69,180	11,180	(a) 1,50,800	46,410	(b) 22,530	78,940
Or per mile of railway ...	155'52	53'90	399'18	40'17	7'22	201'28	...	...	...
For previous 6 weeks of half-year ...	1,830,460	7,06,790	43,36,080	4,37,780	99,080	12,44,540	257,704	109,388	4,60,092
Total for 7 weeks ...	2,071,210	7,90,230	49,54,010	4,99,570	1,11,140	14,01,340	334,114	231,818	5,65,932
COMPARISON.									
Total for corresponding week of previous year on 1,407 miles open ...	251,088	93,391	6,01,060	67,794	15,460	1,70,635	47,376	(c) 28,340	75,716
Or per mile of corresponding week of previous year ...	171'16	63'06	471'68	48'22	10'53	120'41	...	...	...
Total to corresponding date of previous year ...	1,877,667	7,27,242	51,00,042	5,69,082	1,20,098	14,16,432	386,238	240,081	5,78,319
Earnings per Coaching, Goods and Mineral train-mile respectively during the week ...	...	1'80	...	1'91	1'4	1'69	...	...	...
Or for the corresponding week of previous year ...	...	1'97	...	2'39	2'0	2'35	...	...	...

(a) General decrease due to heavy monsoons.

(b) Includes 8,383 miles of ballast trains.

(c) Ditto 8,138 miles of ballast trains.

(d) Revised as per statement No. XIII of Revenue Account for 30th June 1906.



## EASTERN BENGAL STATE RAILWAY SYSTEM.

(INCLUDING DACCA SECTION.)

Approximate Return of Traffic and Mileage for the week ended 18th August 1906 on 1,271 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including steam-boat).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	314,190	1,37,500 0 0	14,12,230 0	3,08,030 0 0	23,040 0 0	4,73,160 0 0	53,408	54,920	112,328
Or per mile of railway ...	247	108 0 0	11,111 0	243 0 0	21 0 0	372 0 0	.....	.....	.....
For previous 6 weeks of half-year ...	2,104,480	8,80,680 0 0	77,90,100 0	11,60,920 0 0	1,06,970 0 0	21,56,840 0 0	267,408	279,328	636,736
Total for 7 weeks ...	2,500,670	10,18,180 0 0	92,02,330 0	14,78,840 0 0	1,28,010 0 0	23,85,000 0 0	415,901	334,248	750,149
COMPARISON.									
Total for corresponding week of previous year ...	233,706	1,19,074 0 0	13,90,531 0	2,83,950 0 0	19,646 0 0	4,26,479 0 0	53,326	48,113	101,439
Per mile of railway corresponding week of previous year (1,141 miles) ...	207	105 0 0	1,219 0	250 0 0	1 0 0	376 0 0	.....	.....	.....
Total to corresponding date of previous year ...	2,342,117	9,41,235 0 0	87,25,592 0	14,03,331 0 0	1,20,607 0 0	24,75,103 0 0	301,403	271,129	602,532

\* Excluding ferry earnings, Rs. 20,670.

N.B.—Increase is due to the increase in open mileage.

## DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 18th August 1906 on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	38,090	9,980 0 0	62,570 0	4,590 0 0	630 0 0	15,080 0 0	2,236	2,454	4,690
Or per mile of railway ...	420	115 0 0	728 0	53 0 0	7 0 0	175 0 0	.....	.....	.....
For previous 6 weeks of half-year ...	210,240	66,610 0 0	342,400 0	19,710 0 0	1,910 0 0	78,130 0 0	24,413	9,141	33,554
Total for 7 weeks ...	248,330	66,570 0 0	396,030 0	24,300 0 0	2,540 0 0	93,210 0 0	27,630	12,595	40,225
COMPARISON.									
Total for corresponding week of previous year ...	24,430	7,124 0 0	71,972 0	4,600 0 0	11 0 0	11,711 0 0	2,740	1,918	4,658
Per mile of railway corresponding week of previous year ...	284	83 0 0	837 0	53 0 0	1 0 0	136 0 0	.....	.....	.....
Total to corresponding date of previous year ...	207,663	57,445 0 0	255,632 0	18,420 0 0	892 0 0	76,767 0 0	24,651	9,501	34,152

## COOCH BEHAR RAILWAY—NATIVE SECTION.

Approximate Return of Traffic and Mileage for the week ended 18th August 1906 on 33.6 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	1,070	480 0 0	1,280 0	130 0 0	60 0 0	640 0 0	54	(8,730)	.....
Or per mile of railway ...	32	13 0 0	38 0	4 0 0	2 0 0	19 0 0	.....	.....	.....
For previous 6 weeks of half-year ...	17,230	7,530 0 0	1,65,920 0	5,750 0 0	70 0 0	12,140 0 0	1,933	4,469	7,402
Total for 7 weeks ...	18,300	7,770 0 0	1,67,200 0	5,880 0 0	130 0 0	12,780 0 0	2,037	5,109	7,146
COMPARISON.									
Total for corresponding week of previous year ...	2,404	976 0 0	9,265 0	780 0 0	11 0 0	1,767 0 0	804	348	1,152
Per mile of railway corresponding week of previous year ...	74	29 0 0	276 0	24 0 0	.....	53 0 0	.....	.....	.....
Total to corresponding date of previous year ...	20,536	7,536 0 0	64,579 0	5,710 0 0	60 0 0	12,314 0 0	2,436	2,706	5,142

(c) Ballast train-miles, 7'00.

## MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 15th August 1906 on 50.69 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES R.D.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	8,180	2,070 0 0	30,510 0	1,620 0 0	30 0 0	4,320 0 0	1,054	074	1,728
per mile of railway ...	162	53 0 0	603 0	32 0 0	.....	85 0 0	.....	.....	.....
previous 8 weeks of half-year ...	51,480	18,290 0 0	1,00,360 0	6,470 0 0	120 0 0	22,880 0 0	7,119	1,449	8,568
Total for 7 weeks ...	60,070	18,000 0 0	1,30,860 0	8,090 0 0	150 0 0	27,200 0 0	8,173	2,123	10,296
COMPARISON.									
Total for corresponding week of previous year ...	7,899	2,258 0 0	63,160 0	3,010 0 0	34 0 0	8,309 0 0	1,054	486	1,540
per mile of railway corresponding week of previous year ...	154	44 0 0	1,230 0	58 0 0	1 0 0	103 0 0	.....	.....	.....
Total to corresponding date of previous year ...	62,180	17,701 0 0	2,35,667 0	11,212 0 0	124 0 0	29,687 0 0	8,402	2,134	10,536

## DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

		Rs.	A.	P.	Rs.	A.	P.
Approximate earnings for the week ending 25th August 1906 ...	Coaching ...	7,062	0	0	16,474	0	0
	Goods ...	9,111	0	0			
	Other earnings ...	301	0	0			
Audited earnings for the corresponding period of 1905 ...	Coaching ...	6,998	0	0	15,894	0	0
	Goods ...	9,147	0	0			
	Other earnings ...	354	0	0			
	Increase	...	...	...	580	0	0
Receipts per mile for the week ending 25th August 1906 ...	...	...	...	...	323	0	4
Ditto for the corresponding period of 1905 ...	...	...	...	...	311	10	4
	Increase	...	...	...	11	6	0
Receipts from 1st July to 25th August 1906 ...	...	...	...	...	1,14,907	0	0
Ditto for the corresponding period of 1905 ...	...	...	...	...	1,34,008	0	0
	Decrease	...	...	...	19,099	0	0



SUPPLEMENT TO  
**The Calcutta Gazette.**

WEDNESDAY, SEPTEMBER 12, 1906.

OFFICIAL PAPERS.

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**REPORT ON THE STATE OF THE SALT MARKET FOR THE FIRST QUARTER OF 1906-1907.**

No. 5529B., dated Calcutta, the 25th August 1906.

From—PANDIT RAMA BALLABHA MISRA, M.A., Offg. Secretary to the Board of Revenue, L. P.,

To—The Secretary to the Government of Bengal, Financial Department.

I AM directed to submit the following report on the state of the salt market for the first quarter of the year 1906-1907, comprising the months of April, May and June 1906.

Member in charge :

THE HON'BLE MR. W. C. MACPHERSON, C.S.I.

2. The quantity of salt of every description cleared during the quarter amounted to 33,10,896 maunds, as compared with 23,66,672 maunds in the previous quarter, and 29,25,770 maunds in the corresponding quarter of the previous year. The net amount of duty levied thereon was Rs. 45,57,288, as against Rs. 32,87,095 in the previous quarter, and Rs. 40,89,115 in the corresponding quarter of the previous year.\*

\* The figures cited for the previous year in paragraphs 2 to 4 of this report do not include figures for the Eastern Bengal districts which were transferred on 16th October 1905 to the Province of Eastern Bengal and Assam.

3. The subjoined Table I shows in detail the importations into the port of Calcutta and the total clearances of sea-imported salt during the quarter, as compared with the figures of the corresponding quarters of the two previous years :—

TABLE I.

WHENCE IMPORTED.	1904-1905.		1905-1906.		1906-1907.	
	First quarter.		First quarter.		First quarter.	
	Imported.	Cleared.	Imported.	Cleared.	Imported.	Cleared.
1	2	3	4	5	6	7
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
United Kingdom ... ..	17,39,512	12,96,861	12,71,155	12,94,912	10,37,118	11,53,047
Hamburg and Bremen ... ..	5,30,544	5,37,425	2,02,392	2,37,205	2,13,807	2,13,315
Spain ... ..	...	...	96,857	1,07,375	4,82,755	4,01,017
Port Said ... ..	...	...	29,233	16,343	80,062	1,03,445
Salif ... ..	3,75,260	4,50,075	5,13,255	5,00,619	2,39,552	6,74,430
Rawayah ... ..	...	1,35,543	...	91,946	...	39,440
Aden ... ..	5,00,900	3,90,000	2,84,783	4,24,292	3,48,215	4,11,552
Muscat, Linga, Hanjam, &c. ... ..	...	21,750	...	800	...	20,800
Rock salt ... ..	12,706	4,442	7,622	4,876	...	4,270
North Africa, Egypt, &c. ... ..	...	3	...	2	...	1
Bombay ... ..	2,19,594	1,41,897	2,52,742	1,75,919	3,17,956	2,61,074
Madras, Coconada and Visagapatam ... ..	29,104	23,054	4,000	4,000	...	...
Ceylon ... ..	...	3	...	3	...	...
Australia and Straits Settlements ... ..	...	3	...	1	...	1
Total ...	32,10,123	28,03,885	25,42,010	29,14,441	30,05,935	32,25,441

Compared with the corresponding quarter of the previous year and the same quarter of 1904-1905, there was a considerable increase both in the importations and clearances.

4. Table II shows the quantity of sea-imported salt remaining in the warehouses at the close of the quarter, as compared with the previous four quarters :—

TABLE II.

WHERE STORED.	First quarter of 1905-1906.	Second quarter of 1905-1906.	Third quarter of 1905-1906.	Fourth quarter of 1905-1906.	First quarter of 1906-1907.
1	2	3	4	5	6
	Mds.	Mds.	Mds.	Mds.	Mds.
Bulkea Government Salt godas ... ..	12,71,871	14,22,956	9,27,155	12,09,109	11,46,305
Kidderpore Dock ditto ... ..	4,24,005	6,28,975	6,22,621	4,07,851	3,94,657
Chandbali (private bonded salt warehouses) ... ..	11,500	9,500	10,400	3,000	2,800
Total ...	17,16,936	20,60,534	15,64,186	16,20,020	15,79,362

Stocks at the close of the quarter were greater than those of the previous two quarters, and greater also than those of the corresponding quarter of the previous year.

5. The different pass-stations having ceased to exist with the abolition of the salt *rawana* system in Bengal, with effect from the 1st April 1906, the figures hitherto published in Table III of this report showing the despatches of salt from Calcutta during the quarter of report could not be obtained from the sources from which they have been hitherto received and they are not yet available in the office of the Director-General of Commercial Intelligence. The figures relating to the despatches of April and May 1906 were published in

the *Calcutta Gazette* of 11th July and 8th August 1906. The figures will be published as usual in the *Calcutta Gazette* by the Director-General of Commercial Intelligence when they are available.

6. The quantity of salt despatched during the quarter by the East Indian Railway to stations beyond Buxar amounted to 405 maunds, as against *nil* in the previous quarter and 405 maunds in the corresponding quarter of the previous year.

7. The quantity of saltpetre salt excised in the refineries of the Lower Provinces during the quarter amounted to 4,955 maunds, as compared with 6,679 maunds in the previous quarter and 5,458 maunds in the corresponding quarter of the previous year.

8. The shipments of Liverpool salt during the quarter for the port of Calcutta, according to the published market reports, amounted to 49,835 tons. It is reported that the vessel *Schwanzenfels* is afloat for Calcutta with an approximate quantity of 2,000 tons of salt from Hamburg.

9. Table IV shows the average wholesale prices per 100 maunds of Liverpool and other descriptions of salt during each fortnight of the quarter:—

TABLE IV.

DESCRIPTION OF SALT.	Fortnight ending 15th April 1906.	Fortnight ending 30th April 1906.	Fortnight ending 15th May 1906.	Fortnight ending 31st May 1906.	Fortnight ending 15th June 1906.	Fortnight ending 30th June 1906.
1	2	3	4	5	6	7
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Liverpool <i>panga</i> ... ..	50 2 4	50 6 0	54 8 0	50 15 5	50 1 7	50 4 0
Hamburg <i>karkatch</i> ... ..	48 0 0	48 2 10	49 5 4	.....	48 12 0	49 3 4
Muscat <i>ditto</i> ... ..	41 0 0	41 10 8	.....	38 0 0	38 0 0	40 10 8
Bombay <i>ditto</i> ... ..	.....	40 0 0	44 5 4	41 9 1	41 7 1	43 5 4
Aden crushed ... ..	41 4 0	40 1 12	40 5 1	42 0 0	42 0 0	42 0 0
Salif <i>ditto</i> ... ..	41 10 0	40 3 0	44 0 0	40 12 11	40 0 0	41 12 0

During the quarter the prices of Liverpool *panga*, Bombay *karkatch* and Salif crushed rose and fell again, while those of Aden crushed fell and rose. The prices of Hamburg *karkatch* rose, while those of Muscat *karkatch* fell. There were no imports of Madras salt during the quarter.

10. The quantity of sea-imported salt admitted into, and cleared from, bond at the inland warehousing station of Chandbali in the district of Balasore, during the quarter and the corresponding quarter of the previous year, is shown below:—

DESCRIPTION OF SALT.	ADMITTED INTO BOND.		CLEARED.	
	First quarter of 1905-1906.	First quarter of 1906-1907.	First quarter of 1905-1906.	First quarter of 1906-1907.
1	2	3	4	5
	Mds.	Mds.	Mds.	Mds.
English <i>panga</i> ... ..	16,000	31,284	11,920	23,455

As compared with the corresponding quarter of the previous year, there was a considerable increase both in the quantity admitted into bond and in that cleared.

11. The quantity of Madras and Bombay salt imported inland and consumed in each of the districts of the Orissa Division, including the Tributary States, during the quarter and the previous two quarters, is given below :—

NAME OF DISTRICT.	MADRAS SALT.			BOMBAY SALT.			REMARKS.
	Third quarter of 1905-1906.	Fourth quarter of 1905-1906.	First quarter of 1906-1907.	Third quarter of 1905-1906.	Fourth quarter of 1905-1906.	First quarter of 1906-1907.	
1	2	3	4	5	6	7	8
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	
Cuttack ... ..	16,062	1,02,602	1,81,000	10,735	9,181	37,226	
Balasore ... ..	646						
Parl ... ..	40,080	87,400	84,150				
Total ... ..	66,756	1,49,902	2,65,150	10,735	9,181	37,226	



REPORT ON THE ADMINISTRATION OF THE SALT DEPARTMENT  
IN BENGAL, DURING THE YEAR 1905-06.

NOTIFICATION.

*No. 300A.T.-S.R.—The 7th September 1906.*—The following extracts from the Report of the Commissioner of Excise and Salt, Bengal, on the Administration of the Salt Department in the Province during the year 1905-06 and from the letter of the Board of Revenue reviewing the report, are published for general information.

H. J. McINTOSH,  
*Offg. Secy. to the Govt. of Bengal.*

No. 5054B., dated Calcutta, the 7th August 1906.

From—PANDIT RAMA BALLABHA MISRA, M.A., Offg. Secretary to the Board of Revenue, L. P.,

To—The Secretary to the Government of Bengal, Financial Department.

I AM directed to submit the accompanying Report received from the Commissioner of Salt, Bengal, on the Administration of the Salt Department during the year 1905-06.

THE HON'BLE MR. W. C. MACPHERSON, C.S.I.

ment during the year 1905-06.

2. The most important administrative event of the year was the abolition of the salt *rawana* system in Bengal, which was approved by the Government of India in their letter No. 5108Exc., dated the 12th September 1905, on the recommendation of the local authorities but which did not come into effect till the 1st April 1906. The abolition of this system of passes *en route* was sanctioned on the ground that without counterbalancing advantages it hampered trade, interfered with distribution of salt and restricted consumption by raising prices. The loss of revenue to Government, which was derived from fees and stamps on applications for *rawanas*, amounting to about Rs. 31,000 a year, need not be regretted.

3. Another important feature of the year's administration was the reorganization of the department with the object of bringing it under the close control of the District Officers and which included a redistribution of charges and a material strengthening of the preventive establishment. The immediate result was the introduction of preventive operations in the district of Noakhali from the beginning of the cold weather, 1905. In this district as well as in Midnapore, 24-Parganas and Khulna Collectors were vested with the powers of an Assistant Commissioner under section 30 of the Indian Salt Act, XII of 1882. The jurisdiction of the departmental Assistant Commissioner was consequently restricted to Howrah and the 24-Parganas, and in this latter district he exercises his powers concurrently with the Collector.

4. In addition to the withdrawal by Government of the concession of a wastage allowance of 1 per cent. on salt transhipped at Calcutta, which is mentioned by the Commissioner, it may also be noted that the maximum allowance on account of wastage on bonded salt in inland warehouses in Bengal was fixed at 2 per cent. in the case of *panga* or boiled salt and at 1 per cent. for all other kinds of salt, with effect from the 1st January 1906, under Government Notification No. 5297.—S. R., dated the 14th October 1905.

5. The quantities of salt imported by sea from different countries into Bengal during the year amounted to 10,818,934 maunds against 11,465,094 maunds in the previous year, showing a decrease of 5.6 per cent.; on the other hand, 367,695 maunds of salt were imported from Port Said during the year against *nil* in the last two years. The importation of Madras salt showed a further decrease of about 50 per cent. which is ascribed to want of freight.

The transactions in salt at the Sulkea and Kidderpore Dock *golas* were the highest on record, but no difficulty was experienced in providing bonding space as the salt landed in the *golas* was quickly removed to meet the demand

for consumption. The Board are now considering the arrangements to be made in consequence of the necessity which has arisen for removal of the salt *golas* from the Kidderpore Docks.

6. A satisfactory increase in consumption of salt in all the saliferous districts of Bengal which were within the Salt Law Limits except Noakhali (in which district there were adverse influences of a temporary nature), is attributed to the vigilance of the salt preventive force in detecting and suppressing illicit manufacture and to the cheapness of licit salt brought about by a reduction in salt duty.

7. The average wholesale price (exclusive of duty) of 100 maunds of Liverpool salt purchased from the ship's side in the port of Calcutta rose from Rs. 48-10-2 to Rs. 50-11-9. Prices, which in 1904-05, varied from Rs. 46-6-6 to Rs. 51-5-4, fluctuated in the year under report (apparently on account of adverse freight conditions) from Rs. 45-9-7 to Rs. 67-5. In the interior the price of salt was in all districts lower than in the previous year. During the year the average wholesale selling prices per maund of salt, inclusive of duty, ranged from Rs. 3-0-5 to Rs. 2-6-2 in the several divisions of the province, and the average wholesale price for the whole province was Rs. 2-11-4 per maund against Rs. 3-1-10 in 1904-05, Rs. 3-3-1 in 1903-04, and Rs. 3-10-4 in 1902-03. The Board have compiled figures with regard to retail prices of salt in this Province during the last four years which shew that the average number of seers obtained for a rupee was in 1902—10·69, in 1903—11·93, in 1904—12·55 and in 1905—14·28. The reductions in the duty from Rs. 2-8 to Rs. 2 and from Rs. 2 to Rs. 1-8 made in the years 1903 and 1905 have very considerably benefited all classes of people in the province, including the poorest. It was reported last year that the very petty purchasers have not obtained relief commensurate with the decrease in the duty. Nevertheless the lessening in the duty has to a very appreciable but varying extent assisted the poorest, since those who obtain their supplies from provision dealers by doles receive larger quantities than before, and in some places the fall has had the result of enabling them to purchase salt by weight.

8. The large decrease in the number of offences against the salt laws is no doubt chiefly accounted for by the cheapness of licit salt. Better patrolling may also have contributed to this result; but the decrease of illicit operations rendered it unnecessary to strengthen the preventive force to the extent sanctioned.

9. The financial results of the year, as compared with those in 1904-05 show a decrease of nearly Rs. 70 lakhs, or 31·2 per cent., in the receipts and of Rs. 1,12,005, or 22·7, in the charges. The decrease in receipts is accounted for chiefly by the reduction of duty; but there was also a considerable falling off in rents paid by the salt bonders owing to importations being lower than in the previous year as noticed above.

No. 5578., dated Calcutta, the 9th July 1906.

From—E. A. GRAKE, Esq., I.C.S., Commissioner of Excise and Salt, Bengal,  
To—The Secretary to the Board of Revenue, L. P.

I HAVE the honour to submit the following consolidated Report on the Administration of the Salt Department in Bengal for the year 1905-06.

#### PRELIMINARY.

3. The *rawana* system was abolished with effect from the 1st April 1906 under Government Notification No. 390S.R., dated the 14th March 1906. The control of salt preventive operations in the two districts of Noakhali and Chittagong which were transferred to the Province of Eastern Bengal and Assam on the partition, continued to be exercised under the orders of the Government of Bengal with the concurrence of the Government of Eastern

Abolition of *rawana* system and partition of Bengal.

Bengal and Assam, as it was not considered desirable to exclude these two districts from the operations of the Department so long as the present experimental stage of salt administration continued.

8. Forest Officers in Khulna from the Deputy Conservator to Forest guards were vested with the powers of a Salt Revenue Officer under sections 16 and 17 of the Indian Salt Act, XII of 1882, for the detection and prevention of salt crime in the reserved forests of that district by Bengal Government Notification No. 477S.R., dated the 28th March 1906.

Vesting of Forest Officers with the powers of a Salt Officer under sections 16 and 17 of the Indian Salt Act.

### STOCKS, IMPORTS AND CLEARANCES.

10. At the commencement of the year the stocks of salt in all *golas*, both public and private, were over one lakh of maunds more than on the 1st April 1904, but the quantity of salt imported during the year under report showed a decline of nearly  $6\frac{1}{2}$  lakhs of maunds. The clearances were larger than in the previous year by more than  $1\frac{1}{2}$  lakh. After allowing for wastage, the closing balance stood at 16,63,665 maunds. In addition to this, there were at the close of the year 3,43,950 maunds of salt lying afloat in the port of Calcutta against 3,63,662 maunds at the end of 1904-05.

During the year under report the percentage on the total importations of salt bonded in the Sulkea and Kidderpore Dock *golas* amounted to 71 against 70 in the previous year. There was a decrease, both in the quantity imported and bonded, due to scarcity of freight.

11. The quantities of salt imported by sea from different countries into Bengal during the year 1905-06 as compared with the results of 1904-05 show a decrease of 5.6 per cent. in importations into Calcutta during the year for which the United Kingdom, Hamburg and Bremen, Ras Raway and Madras were chiefly responsible. The imports from the United Kingdom fell short by nearly 12 lakhs of maunds and from Hamburg and Bremen by over 6 lakhs. During the year Port Said showed an importation of over 3 lakhs of maunds after an entire cessation of imports in the two preceding years. There was an increase from other foreign ports, Spain, Salif, Aden and Bombay. Spanish salt is struggling to find a market. Madras records a further decline of about 50 per cent. due probably to want of freight.

12. In Calcutta the sales from importing vessels direct decreased by 16.8 per cent., while there was an increase in the sales from bond by 3.9 per cent. Of the vessels carrying salt into Calcutta during the year, 95 per cent. were steamers.

13. The total salt transactions at the Sulkea and Kidderpore *golas* for the past five years are shown below:—

Transactions in the Sulkea and Kidderpore Dock *golas*.

					Mnds.
1901-02	...	...	...	...	1,49,52,131
1902-03	...	...	...	...	1,54,83,932
1903-04	...	...	...	...	1,50,05,754
1904-05	...	...	...	...	1,62,70,908
1905-06	...	...	...	...	1,67,67,724

The quantity of salt handled at Sulkea was 99,29,028 maunds against 1,06,35,902 maunds in the preceding year and at Kidderpore 68,38,695 maunds against 56,35,006 maunds.

The Collector of Customs, Calcutta, reports that the transaction during the year was the highest on record, and that no difficulty was experienced in providing bonding space, as the salt landed in the *golas* did not remain long in store. The demand for consumption speedily cleared space for further consignments.

The Kidderpore salt *golas* received 40 per cent. of the whole quantity bonded, as compared with 33 per cent. in the preceding year. As the Port Commissioners are likely, in the near future, to require the site at present occupied by the Kidderpore *golas*, the selection of a new site will demand attention. The landing of salt at Sulkea continues unsatisfactory, and, combined with labour difficulties, is the cause of some anxiety. It is expected, however, that with the completion of the two new *golas* now under construction and the increased railway sidings and extra pontoons now sanctioned, these difficulties will be much reduced.

15. There are only two warehouses in the Province since the transfer of those in Eastern Bengal to the new Province. Both are located at Chandbali and owned by Messrs. Turner, Morrison & Co. The quantity of salt despatched to the two warehouses as well as to those transferred to the new Province amounted to 12,90,791 maunds (9,23,310 maunds from shipboard and 3,67,481 maunds from the *golas* in Calcutta) as compared with 13,18,024 (9,86,762 maunds from shipboard and 3,31,262 maunds from the *golas*) in 1904-05, a decrease of 2 per cent.

18. The quantity of Madras *karkatch* and refined salt imported into Orissa by land during the year was 7,65,252 maunds against 10,15,292 in the previous year, showing a decrease of 24·6 per cent. The decrease was due to low stocks in the factories of the Ganjam district owing to the complete failure of manufacture last season. The Oriental Salt Company, Limited, did not import into Cuttack any Madras salt in consequence and had to close their depôts for such salt in the district of Balasore from the 1st July 1905.

19. The following figures show the consumption of Bombay salt in the Tributary States during the last four years. This salt finds its way into the States by the Bengal-Nagpur Railway. There was an increase of 34,617 maunds in consumption during the year, as compared with the preceding year, and this compensated to some extent for the decreased consumption of Madras salt in the States.

		1902-03.	1903-04.	1904-05.	1905-06.
		Mds.	Mds.	Mds.	Mds.
Jharsaguda	...	572	287	...	7,404
Sambalpur	...	10,784	1,722	5,141	32,354
		-----	-----	-----	-----
Total	...	11,356	2,009	5,141	39,758
		-----	-----	-----	-----

#### CONSUMPTION AND PRICES.

20. The total quantity of salt consumed in the Province during the year under report was 94,93,618 maunds. This is exclusive of 5,80,292 maunds, the net export by land, but inclusive of 16,262 maunds deduced from saltpetre. Of the total quantity, the saliferous tracts of this province took 15,92,503 maunds, or 16·8 per cent., and the rest of the province 79,01,115 maunds, or 83·2 per cent. The resulting rate of consumption per head in the saliferous tracts was 6 seers or 12·3 lbs. and in the rest of the province 7 seers 2 chitaks or 14·6 lbs.

The rates of consumption per head of population in the Bombay and Madras Presidencies during 1904-05 were 11·68 lbs. and 17·1 lbs., respectively.

21. During the year under report the consumption per head within the Salt Law area showed an increase in all the districts except Noakhali where the decrease was due to partial failure of rice crops and to larger migration of the people to Akyab in search of work. The increase in the other districts

was due to the vigilance of the salt preventive force in detecting and suppressing illicit manufacture and to the cheapness of licit salt brought about by a reduction in salt duty.

23. The quantity of salt consumed in the town of Calcutta during the year 1904-05 and 1905-06 amounted to 1,52,281 maunds and 1,57,524 maunds, respectively, giving an average annual consumption of 7 seers and 7 seers 3 chitaks or 14·4 and 14·8 pounds approximately per head of population calculated on the census figures of 1901 plus the usual allowance for annual increase.

24. The further reduction in the rate of duty from Rs. 2 to Re. 1-8 a maund from the 22nd March 1905, brought about a fall in retail prices and benefited all classes of people in the province.

Exclusive of duty, the average wholesale price of Liverpool salt per hundred maunds as sold from the ship's side in the port of Calcutta, amounted to Rs. 60-11-9 during the year, as compared with Rs. 48-10-2 in 1904-05. Prices which in 1904-05 varied from Rs. 46-6-6 to Rs. 51-5-4, fluctuated in the year under report from Rs. 45-9-7 to Rs. 67-5.

#### PREVENTIVE MEASURES.

26. Illicit salt was attached, released and confiscated in 177, 1 and 140 cases against 586, 1 and 642 cases in the previous year to the extent of 105 maunds 30 seers and 69 maunds against 56 maunds 10 seers and 69 maunds during the year 1904-05. There was thus an increase of 49 maunds, or 87·5 per cent., in the quantity attached owing to a large quantity of contraband salt having been seized in the district of Khulna, where the preventive force was strengthened during the year.

27. There was only one case of unsuccessful house-search in the 24-Parganas. The number of seizures and unsuccessful house-searches was 152 and 1 against 563 and 8 in the previous year, the percentage of such searches to seizures being '66 against 1·4 in the previous year.

28. There were 145 prosecutions against 406† in the previous year. Out of 162 persons arrested and brought to trial, 117 were convicted, the percentage of convictions being 72·2. The number of cases under section 9 of Act XII of 1882 was 81 against 331 in the previous year. The decrease is shared by the districts of Balasore, the 24-Parganas, Midnapore, Howrah and Chittagong and is attributable to the systematic patrolling of Salt officers and the cheapening of licit salt. The increase in Puri is due to a recrudescence of crime brought about by a partial failure of crops. In Khulna it is due to the strengthening of the preventive force and the extension of the area of their operations, and in Noakhali to the opening of salt preventive operations from October 1905. The increase in Cuttack is very small, and calls for no remarks. No cases were reported by the police under Act XII of 1882, nor were any cases lost owing to the failure of the Special Police head-constables to attend house searches. Thirty-three opium cases were detected by Salt officers as against 20 in the previous year. In the 24-Parganas, Howrah, Midnapore and Chittagong, information of Excise cases was given by Salt officers to Excise officers, and in the 24-Parganas and Chittagong general assistance was rendered to the Excise Department in detection work.

29. The total amount of fines and forfeitures realised and the amount disbursed as rewards were Rs. 1,191 and Rs. 807, respectively against Rs. 3,705† and Rs. 3,987† in the previous year. The decrease is explained by the smaller number of detections.

\* Revised figures and exclusive of those for Backergunge.

† Exclusive of the figures for Backergunge.



### FINANCIAL RESULTS.

31. The results of the year as compared with those in 1904-05, show a decrease of Rs. 69,97,445, or 31·2 per cent., in the receipts, and of Rs. 1,12,005, or 22·7, in the charges, yielding a net revenue of Rs. 1,49,95,394, which is less than that of the previous year by Rs. 68,85,440, or 31·4 per cent. It is to be noted that the charges do not include a proportionate share of the cost of the Customs Preventive Service which is largely employed in safeguarding the salt revenue.

32. The charges fell from Rs. 4,91,496 in 1904-05 to Rs. 3,79,491 in 1905-06, the decrease amounting to Rs. 1,12,005, or 22·7 per cent.

### MISCELLANEOUS.

34. The quantity of salt educed in the manufacture of saltpetre during the year and removed on payment of duty from all the refineries in the province was 16,262 maunds against 15,594 maunds in the previous year, showing an increase of 668 maunds. The increase was due to ordinary fluctuations in the trade.

35. There were two licensed saltpetre refineries at Soorah and Kakurgachi against three in the previous year, the one at Ultadingi having been closed. At Soorah alone salt is educed, but it is not sold, as the licensee prefers to destroy the bye-product.

36. The quantity of refined saltpetre produced in the two refineries was 16,438 maunds against 25,953 maunds, the quantity of salt educed was 1,887 maunds against 2,518 maunds and the quantity of *sitta* or impure salt left in course of refinement was 1,954 maunds against 2,130 maunds in the previous year. The decrease is due to the general decline in the trade which leads year after year to the closure of refineries. The receipts from license fees fell from Rs. 150 to Rs. 100 owing to the closure of the refinery at Ultadingi. No educed salt was sold, and consequently there was no receipt from duty during the year.



REPORT ON THE ROAD AND PUBLIC WORKS CESS OPERATIONS  
OF THE LOWER PROVINCES FOR THE YEAR 1905-1906.

NOTIFICATION.

No. 305 A.T.R.P.—The 8th September 1906.—The following extracts from the Report of the Board of Revenue on the Road and Public Works Cess Operations in Bengal for the year 1905-06 are published for general information.

H. J. McINTOSH,  
Offg. Secy. to the Govt. of Bengal.

No. 4128½A., dated Calcutta, the 15th August 1906.

From—J. H. KERR, Esq., Offg. Secretary to the Board of Revenue, L. P.,  
To—The Secretary to the Government of Bengal, Financial Department.

I AM directed to submit the following report on the Administration of the Road and Public Works Cesses for the year 1905-1906.

3. Both cesses were levied at the maximum rate of one anna in the rupee in the 30 districts of the Province, as now constituted, in which the Cess Act, IX (B.C.) of 1880, is in force. In the Sonthal Parganas the provisions of the Cess Act were extended by Government Notification No. 480R.P., dated the 25th October 1905, to all tracts of the district to which they were not extended by Notifications No. 4782R.P., dated the 21st November 1903, No. 548T.F., dated the 19th May 1904, and No. 998R.P., dated the 14th February 1905. The levy of cesses in this district began for the first time from the beginning of the year, and then only in a few estates of which the settlement had been completed. The Act is not in force in Angul and the Khondmals or in Sambalpur. The current demand of land revenue of the 30 districts was Rs. 2,82,99,982 and the valuation, or gross rental, amounted to Rs. 12,64,57,129.

4. In the subjoined table the demands, collections, balances and remissions of the year are compared with the two preceding years (excluding the statistics of the districts transferred to the Government of Eastern Bengal and Assam):—

Year.	DEMAND.			Collections.	Percent- age of total collections on cur- rent de- mand.	Balance.	Percent- age of the balance on the total demand.	Remis- sions.
	Current.	Arrear.	Total.					
	Rs.	Rs.	Rs.	Rs.		Rs.		Rs.
1903-1904 ..	69,09,939	13,45,340	82,54,579	68,85,678	98·9	14,22,112	17·2	69,621
1904-1905 ...	69,49,811	14,12,573	83,62,384	70,06,476	100·8	13,54,082	16·1	57,183
1905-1906 ...	69,55,856	13,50,895	83,06,751	70,59,858	101·4	12,66,104	15·2	69,916

The increase of Rs. 6,045 in the current demand as compared with the previous year was due to revaluations. There was an increase in collections by more than half a lakh, and the percentage of collections on the current demand rose from 100·8 to 101·4. The balances were reduced by Rs. 87,978, and the percentage of the balance on the total demand from 16·1 to 15·2. The remissions and reductions which amounted to Rs. 69,916 as against Rs. 57,183 in 1904-05 were chiefly in the districts of Burdwan, Gaya, Manbhum, Muzaffarpur, Murshidabad, Patna, Hazaribagh and Singhbhum, and call for no special remarks.

5. The districts are grouped in two classes, (i) those in which the collections attained the prescribed standard of 100 per cent. or more on the current demand, and (ii) those in which the collections were short of that standard. The marginally-noted districts fall under class (i), and in the first eight districts the percentage of collections was more than 105.
- |               |                  |
|---------------|------------------|
| 1. Darbhanga. | 10. Shahabad.    |
| 2. Palaman.   | 11. Singhbhum.   |
| 3. Cuttack.   | 12. Bankura.     |
| 4. Patna.     | 13. Monghyr.     |
| 5. Midnapore. | 14. Murshidabad. |
| 6. Champaran. | 15. Burdwan.     |
| 7. Purnea.    | 16. Darjeeling.  |
| 8. Manbhum.   | 17. 24 Parganas. |
| 9. Gaya.      | 18. Balaore.     |
|               | 19. Hooghly.     |

7. The total number of certificates filed for the realization of cess arrears was 85,919 as against 81,028 in the previous year. The increase was shared by the Burdwan, Bhagalpur, and Orissa Divisions, while there was a decrease in the Presidency, Patna, and Chota Nagpur Divisions. The increase in Burdwan, Midnapore, Hooghly, Murshidabad, Khulna, and Purnea is ascribed to the issue of certificates for the recovery of accumulated petty arrears of cesses to avoid limitation. The system of sending draft certificates for cesses from Hooghly direct to Howrah was adopted during the year under report under the orders of the Board conveyed in their letter No. 3471A., dated the 29th May 1905. The change in system is reported to have worked well. In Patna the increase was due to the fact that certificates for the *kist* of January 1905 were mostly instituted in April 1905, while those for the *kist* of January 1906 were practically all instituted before the 31st March 1906. The increase in Saran was due to a large number of estates having defaulted during the first *kist* of the year, which necessitated the issue of numerous certificates. In Monghyr it was chiefly due to an increase in the arrear demand, particularly on account of revenue-free estates, petty arrears of which were allowed to accumulate and were brought under certificate in the year under report. The abnormal increase in Cuttack, where the institutions rose from 2,037 in 1904-1905 to 5,909, was due partly to the filing of certificates for the realization of accumulated petty arrears, and partly to the fact that owing to the incompleteness of Land Registration Register B, which has now been completed, certificates had to be sparingly issued before. No certificates were filed in Darjeeling. In the Sonthal Parganas cesses were levied for the first time and 63 certificates were filed for their realization. The disposals exceeded the institutions in the Presidency and Chota Nagpur Divisions.

8. The total number of objections filed and disposed of was 6,052 and 5,890 as against 5,538 and 5,458, respectively, in the previous year. The largest number of objections disposed of occurred in the districts of Shahabad (1,235), Saran (1,011), Burdwan (763), and Gaya (595). In 532 cases as against 609 of 1904-1905, the certificates objected to were cancelled for such reasons as the death or desertion of judgment-debtors, exemption of lands lying within municipal limits, double assessments, non-registration of names of holders of rent-free lands, errors in the Land Registration Registers, and wrong entries in the ledgers. The number of cases in which reductions were made in the amount brought under certificate declined from 167 in 1904-1905 to 144.

9. In 22,110 cases as against 20,386 in 1904-1905 arrears were recovered on the mere issue of notices, in 33,930 as against 33,327 on the issue of notices for sale of defaulters' moveable properties, and in 14,122 as against 15,246 on the issue of notices for the sale of the defaulters' immoveable properties. Of the total number of sales (2,535 as against 2,417 in 1904-1905), 927 as against 899 in 1904-1905 were set aside under sections 20 and 21 of the Public Demands Recovery Act, I (B.C.) of 1895, as amended by Act I (B.C.) of 1897. The largest number of sales set aside was in the districts of Patna (213), Darbhanga (160), Saran (90), Shahabad (84), Monghyr (79), Muzaffarpur (56), Gaya (54), and Jessore (54).

10. There were valuations, and re-valuations, partial or complete, in 20 out of the 30 districts to which the Act applies.

Valuations and re-valuations.

11. During the year general re-valuations were completed in the districts of Hooghly, Champaran, and Muzaffarpur. The operations have resulted in an increase over the former cess demand of Rs. 15,375, or 6·8 per cent. in Hooghly, and Rs. 11,543, or 6·6 per cent. in Champaran. In Muzaffarpur there was a decrease of Rs. 2,19,988 in the valuation and of Rs. 13,795 in the cess demand, as compared with the last re-valuation completed in 1891. This result was anticipated and was due to the preparation of a record-of-rights under the Bengal Tenancy Act. At previous valuations the landlords had filed returns showing rents higher than those which were legally payable.

14. \* \* \* The road cess was first assessed under Act X (B.C.) of 1871 in 27 districts of the Province, as now constituted, at a gross rental or valuation of Rs. 8,90,36,643. Subsequently the districts of Khulna and Palamau were created, and the Cess Act, IX (B.C.) of 1880, was extended to them and to parganas Dhalbhum and Porahat in Singhbhum. In the Sonthal Parganas the cess was levied for the first time from the beginning of the year under report in a few estates of which the settlement had been completed. The gross rental shows an increase of Rs. 3,74,20,486 over the original valuation and of Rs. 6,32,204 over that of the preceding year. The increase as compared with the previous year was due to valuations and re-valuations.

PRELIMINARY FORECAST OF THE SUGARCANE CROP  
OF BENGAL, 1906.

THE following is published for general information.

R. W. CARLYLE,

*Chief Secy. to the Govt. of Bengal.*

*The 10th September 1906.*

DEPARTMENT OF AGRICULTURE, BENGAL.

PRELIMINARY FORECAST OF THE SUGARCANE CROP OF  
BENGAL, 1906.

[On an average of the five years ending 1904-1905, the area under sugarcane crop in the territory to which this forecast relates has represented some 19·02 per cent. of the total area under this crop in British India.]

*Explanatory.*—The present forecast relates to 33 districts, including Sambalpur and excluding the 14 districts recently transferred to the new Province of Eastern Bengal and Assam.

2. *Character of the season.*—Sugarcane is grown chiefly in Bihar. In the districts north of the Ganges it is grown without irrigation, while in those on the south of the river as also in other parts of the Province frequent irrigation is generally necessary in the hot months. During the present year the rainfall was very favourable early in the season, and planting was done at the normal time. In April and May the fall was below the normal; but, on the whole, the season up to the present has not been unfavourable to the crop.

3. *Area planted.*—The normal area under sugarcane in this Province as now constituted is 429,900 acres, or in round numbers 430,000 acres. The actual area planted this year is estimated at 428,000 acres against 420,600 acres planted last year.

4. *Outturn.*—The Provincial outturn, according to the district returns, is expected to be 92 per cent. of a normal crop, or the same as last year. Twenty districts, including Saran, Shahabad, Patna, and Bhagalpur, estimate the crop to be better than, or equal to, that of last year, while the remaining thirteen districts estimate it as worse. Compared with a normal crop ten districts estimate an outturn of 100 per cent., or over, ten between 90 to 99 per cent., six between 80 to 89 per cent., six between 70 to 79 per cent., and only one, viz., Nadia, estimates an outturn of 51 per cent.

5. *Other sources of gur.*—The total quantity of gur from the juice of the date-palm is expected to be approximately 1,457,335 cwts., and that from the palmyra palm 4,643 cwts. Jessore is the chief district in which gur is made from the date-palm, but a good deal is also made in Khulna, Nadia, and the 24-Parganas.

C. A. OLDHAM,

*Director of Agriculture, Bengal.*

CALCUTTA;

*The 8th August 1906.*



Division.	District.	FIGURES FROM CADASTRAL SURVEY.										Date at which the planting of the crop was begun this year.	Remarks by District Officers.	Remarks by the Department of Agriculture, Bengal.
		Total area of district, in acres.	Total area estimated to be under cultivation, in acres.	Approximate normal area under sugarcane, in acres.	Approximate area under sugarcane last year (1905), in acres.	Estimated area under sugarcane this year (1906), in acres.	Taking 100 to represent the normal outturn, how much represented the outturn last year (1905)?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1906)?	Total area of the district which has been cadastrally surveyed.	Years during which the cadastral survey took place.	Area found under this crop during the cadastral survey.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Presidency	24 Purnamas	3,106,100	1,079,790	8,000	4,500	4,400	96	88	...	...	...	Middle of February.	The weather has not been favourable for this crop. Want of timely rainfall accounts for low outturn and decrease in area. The prospects have since improved. The date of planting was late in the Sadar but normal in other subdivisions.	
	Nadia	1,767,520	1,645,900	11,400	7,900	6,800	68	51	Not cadastrally surveyed.	...	...	February and March. At Bana-ghat in May.	The decrease in the area planted with sugarcane this year and the estimated outturn is due to want of timely rainfall.	
	Murshidabad	1,571,520	908,500	14,700	12,700	13,300	66	96	...	...	...	1st April 1906.	Weather and general condition of the crop favourable. The date of planting was normal in a large part of the area.	
	Jessore	1,573,000	1,151,000	15,000	10,400	10,600	67	83	...	...	...	23rd March 1906.	The weather was favourable; the general condition of the crop appears to be good. The date of planting was normal this year.	
	Khulna	3,040,548	870,800	1,500	1,300	1,300	100	100	13,705	1893 to 1900.	1893 to 1900.	March 1906.	The figures in column 8 have been revised.	
	Patna	1,303,000	1,033,100	26,300	19,900	19,900	94	100	73,164	1900 to 1901.	296	End of January.	The weather and the general condition of the crop have been good so far. The planting this year was at the normal time.	
	Gaya	3,015,000	2,207,500	20,000	29,000	30,400	100	97	514,000	1893 to 1905 and 1900 to 1902.	5,530	15th January 1906.	The weather was favourable for the cultivation of sugarcane. Condition of the crop is good. It was planted at the usual time. The Subdivisional Officer of Arrangabad gives 85 per cent as the outturn for his subdivision because of damage done by locusts. I have raised it to 90 as I think 85 per cent. is too low.	



District	Cultivated Area in Acres	Area under Sugar-cane in Acres	Area under Indigo in Acres	Area under Jute in Acres	Area under Rice in Acres	Area under Other Crops in Acres	Total Cultivated Area in Acres	Year of Planting	Remarks
Shahabad	2,798,726	1,841,800	38,000	38,000	38,000	38,000	5,053,526	18th February 1906.	The time of sowing was normal. The season has been generally favourable up to date, and a normal outturn is expected. The area under sugar-cane in the Sadar, Bhadua and Sasaram subdivisions is said to have increased considerably. The approximate normal area probably ought to be altered. The figure given by me for the present year (40,000 acres) is only approximate.
Saran	1,711,396	1,307,300	38,500	38,500	38,500	38,500	3,434,200	13th February	At the beginning the weather was favourable, but subsequently strong west winds and drought in April and May considerably affected the crop on high lands; the crop on low lands is, however, excellent at present. The date of planting was normal this year, except in Siwan where it was a little early.
Chhapra	1,254,400	1,447,000	10,300	11,800	8,300	8,300	2,708,800	Beginning of January.	The decrease in the outturn is due to insufficient rain. The recent rain has done some good to the crop. The date of planting was normal.
Muzaffarpur	1,944,400	1,627,000	8,000	8,000	9,000	9,000	3,588,400	1st part of October 1905, and February 1906.	The date of planting was normal.
Barhanga	2,103,000	1,873,200	17,000	18,000	14,000	14,000	4,012,200	Normal—beer and February.	—
Mooghly	2,510,000	1,862,000	4,000	7,000	8,000	8,000	4,387,000	—	—
Bhagalpur	2,704,000	2,077,000	20,000	20,000	20,000	20,000	4,841,000	Second of February.	The decrease in area in columns 5 and 6 is due to revision of area by the Sub-divisional Officer of Banka.
Purnea	2,198,100	1,674,000	12,400	9,400	10,400	10,400	3,894,900	First of March.	The weather not being favourable the outturn is expected to be 80 per cent; the planting was late. The figures in columns 5 and 6 have been revised.
Darjeeling	744,500	100,000	400	200	200	200	845,100	—	—
Southal Parganas	8,000,000	1,304,300	78,400	14,000	12,000	12,000	9,408,700	Early in January	The increase in area is due to a portion of the area under indigo being planted with sugarcane. The year has been favourable for this crop.

Division.	District.	FIGURES FROM CADASTRAL SURVEY.										Date at which the planting of the crop was begun this year.	Remarks by District Officers.	Remarks by the Department of Agriculture.
		Total area of district, in acres.	Total area cultivated, in acres.	Approximate normal area under sugarcane, in acres.	Approximate area under sugarcane last year (1905), in acres.	Estimated area under sugarcane this year (1906), in acres.	Taking 100 to represent the normal outturn, how much represented the out-turn last year (1905)?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1906)?	Total area of the district which has been cadastrally surveyed.	Years during which the cadastral survey took place.	Area found under the crop during the cadastral survey.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Orissa	Cuttack	2,328,000	1,328,100	2,000	4,100	2,000	26	96	1,008,437	1895 to 1896 and 1901.	1,000	Middle of April.	The outturn is estimated according to the present condition of the crop. The figures in columns 6 and 7 have been changed according to the figures ascertained by the Sub-Divisional Officer of Jajpur and the Sub-Deputy Collector of Bunkl.	
	Balasore	1,534,500	508,200	4,000	2,600	2,100	100	100	1,008,778	1891 to 1892 and 1894 to 1896.	671	From the 23rd April to the end of May.	Weather has been fairly favourable. General condition is good. The date of planting was normal.	
	Angul	1,071,000	200,000	2,300	2,300	2,300	90	100	...	...	...	1st March 1906.	Weather is favourable. The general condition of the crop is average. The date of planting was normal. The figures in column 5 have been revised.	
	Puri	1,000,000	700,000	2,100	2,100	2,000	94	96	1,274,700	1895 to 1899.	612	16th March 1906.	The area in column 7 of the final forecast submitted in December 1904, was only an estimate, but now the actual area has been given in column 6. The date of planting was somewhat late this year, owing to excessive rain in February and the early part of March, but it gave opportunity for planting a larger area.	
	Bambalpur	1,571,200	1,051,000	2,700	4,100	4,000	20	105	1,444,157	1884 to 1897 and 1891 to 1897.	1,927	From 15th March to 31st March.	At present the outturn seems to promise fairly well.	



## WEATHER AND CROP REPORT.

For the week ending the 10th September 1906.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
1	BURDWAN ...	Inches. 0·50	7½	6½	Weather seasonable and cloudy. Harvesting of jute, <i>aus</i> , paddy and maize continues. Outturn of <i>aus</i> paddy 75 per cent., of maize 95 per cent., and of jute normal. Condition of sugarcane fair. Prospect of winter rice not good for want of rain. Fodder and water sufficient. No cattle-disease reported.
2	BIRBHUM ...	2·28	7½	7½	Weather seasonable. Transplantation of paddy finished. No cattle-disease. Fodder and water sufficient.
3	BANKURA ...	2·45	9	8	Weather seasonable. Rainfall general. Standing crops doing well. Cattle-disease still prevalent in Saltora outpost. Fodder and water sufficient.
4	MIDNAPORE ...	1·53	7½	9	Weather seasonable, but more rain is wanted. Prospects of <i>bhadoi</i> and <i>aman</i> rice fair. A panic took place at the beginning of the week, as price of rice went up to 5 seers per rupee for a day or two. The high price is due to continued exports to other districts. Fodder and water sufficient. No cattle-disease.
5	HOOGHLY ...	0·54	6½	6½	Rainfall general. Weather seasonable. More rain wanted. Poor classes feeling distress. Weeding of <i>aus</i> paddy going on. Prospects of jute, <i>aus</i> and sugarcane fair. No cattle-disease. Fodder and water sufficient.
6	HOWRAH ...	3·37	8	6½	Transplantation of paddy seedlings nearly finished. Standing crops are doing well. No cattle-disease reported. Fodder and water for cattle sufficient. The insect-pest has almost disappeared.
7	24-PARGANAS	3·15	7	7	Rainfall general. Weather seasonable. More rain wanted everywhere. Transplantation of winter rice going on. Harvesting of jute and autumn crops going on briskly. State of standing crops good. Prospects of paddy fair, of jute good. Insect-pests have disappeared in Basirhat. Cattle-disease still reported from Harwa thana. Fodder dear in places. Water sufficient. High prices prevail. Some distress everywhere. Gratuitous relief started in Sadar and Diamond Harbour subdivisions. Work of relief is being carried on through. Presidents of Panchayats.
8	NADIA ...	1·04	6½	6	Rainfall general. Prospects of standing crops and jute good. Some damage has been done to them by flood. Harvesting of <i>aus</i> and steeping of jute still going on. Fodder and water sufficient. No cattle-disease. In mufassil common rice sells at about 8 seers a rupee.
9	MURSHIDABAD	5·71	7	7½	Rainfall general. Weather seasonable. Prospects of crops not favourable owing to excessive rains and floods. Condition of jute good. No cattle-disease. Fodder insufficient.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
10	JESSORE ...	1.03	6	7	Weather seasonable. Rainfall general. Much damage caused by floods in Narail, Jhenida and Magura subdivisions. Flood subsiding. Exact damage not ascertained yet. Harvesting of <i>aus</i> and jute continues. Prospect of <i>aman</i> good, but more rain wanted in Sadar subdivision. Fodder and water sufficient. High prices and slight distress.
11	KHULNA ...	2.40	7	5½	Rainfall general. Weather seasonable. Transplantation of winter rice estimated at 58 per cent. Transplantation almost stopped at Bagerhat for flood. As regards jute, rainfall and weather seasonable; condition fair. Water sufficient. Fodder scarcity felt in Mollahat and Rampal thanas. No cattle-disease.
12	PATNA ...	2.10	8½	8½	Weather hot and cloudy. Harvesting of <i>bhadoi</i> crops in progress. More rain wanted for transplanting paddy in high lands. Prospects so far good. Sugarcane doing well. No cattle-disease. Fodder and water for cattle sufficient. <i>Makai</i> not available in the market yet.
13	GAYA ...	2.10	{ 8½ 14° }	8	Fall during the week low almost everywhere. More rain wanted for the winter rice. Weather hot with some showers. Prospects of sugarcane good. Harvesting of <i>bhadoi</i> crops going on. Fodder and water for cattle sufficient. Prices generally rule higher owing to large export.
14	SHAHABAD ...	1.78	{ 9½ 16° }	9	Rainfall general. Harvesting of <i>bhadoi</i> continues. Transplantation of paddy almost finished. More rain wanted. No cattle-disease. Fodder generally sufficient. Water sufficient.
15	SARAN ...	2.16	{ 8½ 12° }	8½	Weather fine. Transplantation of winter rice nearly finished. <i>Marua</i> being harvested. <i>Makai</i> being reaped. Sugarcane doing well. Indigo manufacture still going on. Some distress in eastern part of Gopalganj subdivision. Gratuitous relief needed. Special report being submitted. No cattle-disease. Fodder and water sufficient.
16	CHAMPARAN ...	0.21	9	8½	Weather hot and clear with occasional cloud. Re-transplantation of winter rice nearly completed. Rain wanted. <i>Bhadoi</i> being harvested. Price of rice slightly fallen. No cattle-disease. Fodder and water sufficient. Maize not available in the market.
17	MUZAFFARPUR	Nil	{ 6 12° }	6½	Weather hot and sometimes cloudy. Harvesting of <i>bhadoi</i> crop going on; but this gives employment to a limited number of labourers. No cattle-disease reported. Fodder and water sufficient. Prospect of <i>aghani</i> paddy bad.

\* The figures indicate price of maize in seers per rupee.

No.	Name of dist. let.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
18	DARBHANGA ...	1.37 {	$7\frac{1}{2}$ $8\frac{3}{4}$	$7\frac{1}{2}$	Weather bright and hot with occasional cloud and rainfall. Floods have subsided considerably. Rice transplantation of paddy still going on. Railway communication with Samastipur not restored yet. Insufficiency of fodder still continues. Cattle-disease reported in one village in Madheypur. Cholera raging in Madhubani subdivision and in Darbhanga and Bahera thanas. More relief centres have been opened. Figures of persons relieved gratuitously from District Board funds during week:—Sadar subdivision 52,493, Madhubani 5,340, Samastipur 6,256. Takavi loans are being granted. <i>Makai</i> not obtainable in large quantity.
19	MONGHYR ..	1.16 {	$7$ $13\frac{3}{4}$	7	Weather hot and dry. Transplantation of paddy still continues. Prospects of <i>bhadoi</i> crops good except in flooded tracts, where they are totally damaged. Paddy suffering for want of rain. Cattle-disease reported from thana Surajgarh. Fodder and water sufficient.
20	BHAGALPUR ...	1.81 {	$7\frac{1}{2}$ $13\frac{3}{4}$	$7\frac{1}{2}$	Weather generally seasonable. More rain wanted. Harvesting of <i>makai</i> , <i>marua</i> and <i>bhadoi</i> paddy going on. Sugarcane doing well. Cattle-disease reported. Fodder and water sufficient.
21	PURNA ...	1.26 {	$6\frac{1}{2}$ $12\frac{3}{4}$	$6\frac{1}{2}$	Transplantation of <i>aghani</i> paddy finished. Harvesting of <i>bhadoi</i> and cutting of jute continue. Prospects of <i>bhadoi</i> and of jute fair except in flooded areas. Cattle disease reported from Islampur and Kishanganj. Fodder rather insufficient in places.
22	DARJEELING ...	1.45 {	$6$ $11\frac{1}{2}$	6	Weather seasonable. Hills—Maize and potatoes being harvested. Winter rice, <i>bhadoi</i> paddy and <i>marua</i> in fair state. Terai—Outturn of jute meagre, <i>bhadoi</i> paddy a little better.
23	SONTHAL PAR- GANAS.	1.18 {	$8$ $20\frac{1}{2}$	$8\frac{1}{2}$	Rainfall general, but more rain wanted. Weather seasonable. Harvesting of maize has commenced. Outturn favourable. Prospects of standing crops hopeful. No cattle-disease. Fodder and water sufficient.
24	CUTTACK ...	3.93	$10\frac{1}{2}$	$8\frac{1}{2}$	Rainfall general. More rain wanted. <i>B'a'and mandua</i> being harvested. <i>Saradh</i> , sugarcane and early cotton growing. No cattle-disease. Fodder and water sufficient. Rice sells at $7\frac{1}{2}$ seers in some parts of the interior.
25	BALASORE ...	6.69	9	8	Weather rainy. Fall fairly sufficient in the tract bordering the sea, but the inland parts require more rain. Transplanting and weeding of <i>saradh</i> and harvesting of <i>ashu</i> and jute continue. Sugarcane thriving. No cattle-disease. Fodder and water sufficient.
26	ANGUL ...	2.08	10	9	Weather seasonable. Sowing of <i>rabi</i> crops has commenced in places. Winter rice, cotton, sugarcane and <i>bhadoi</i> crops doing well. Outturn of <i>bhadoi</i> crops expected to be 95 per cent. Cattle-disease reported from the interior.

\* The figures indicate price of maize in seers per rupee.



No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
27	PURI ...	1.82	9½	9½	Rainfall general. Weather cloudy. Sugarcane coming up well. <i>Birhi</i> and <i>marua</i> being harvested in some places and reaped at others. Puddling and transplantation of paddy finished. Weeding estimated at 80 per cent. of usual area. Miscellaneous crops doing well. No cattle-disease. Fodder and water sufficient.
28	SAMBALPUR ...	1.99	11½	9	Rain has been general. Weeding of <i>aman</i> rice in progress. Autumn rice plants have not attained full growth in Sambalpur tahsil for want of sufficient rain in proper time. The standing crops are in good condition. Cattle-disease prevalent to a small extent.
29	HAZARIBAGH ...	...	9	10	Prospects of standing crops good. Transplantation of paddy finished. Fodder and water sufficient. Rain wanted. Cattle-disease reported from three thanas. Common rice sells at 7½ seers a rupee at Giridih.
30	RANCHI ...	3.16	9	10	Weather seasonable. Sowing of <i>arguja</i> in progress. Harvesting of <i>gora</i> commenced in places. Cattle-disease reported from two thanas. Fodder and water sufficient. Common rice sells at 10 seers in the interior.
31	PALAMAU ...	0.96	8½	9	Weather seasonable. Condition of winter rice good. Some cattle-disease. Fodder and water sufficient.
32	MANBHUM ...	2.27	11	.....	Weather seasonable. Prospects of crops good. Fodder and water sufficient. Cattle-disease reported from thanas Purulia and Gourandi.
33	SINGRBHUM ...	1.13	8	8	Transplantation of paddy finished. Harvesting of <i>aus</i> paddy commenced in Kharsawan. Outturn of winter rice expected 100 per cent. Prospects of crops good both in the district and in the native states. Cattle-disease reported from outpost Kalikapur. Fodder and water sufficient. Common rice sells at 10 seers per rupee at Seraikhella and Kharsawan.
34	COOCH BEHAR	2.23	5½	6½	Weather hot with light showers. Transplantation of winter rice, cutting, steeping and washing of jute continue. Harvesting of <i>bhadosi</i> paddy nearly finished. Fodder and water sufficient. Cattle-disease reported from thanas Dinhata, Mathabhanga and Tufanganj.

GENERAL SUMMARY.—Rain was fairly general all over the Province, the fall being heavy in Murshidabad and in parts of Balasore; moderate in Howrah, the 24-Parganas, Cuttack and Ranchi, but light in the rest of the Province. More rain is wanted in many districts for winter paddy. Much distress prevails in Darbhanga, where a large number of persons are receiving gratuitous relief from the District Board funds. Slight distress is also reported from the 24-Parganas, Jessore and Saran. Prospects of the *aman* paddy are on the whole fair except in the districts where it has been damaged by flood, viz., in Murshidabad, Muzaffarpur and Darbhanga. Cattle-disease exists in eleven districts. Fodder is reported to be insufficient in Murshidabad, Darbhanga, Khulna and Purnea. Water-supply is sufficient. The price of common rice has risen in eleven and fallen in sixteen districts: it continues to be high in most districts.

C. A. OLDHAM,

Director of Agriculture, Bengal.

DEPT. OF AGRICULTURE, BENGAL,

The 11th September 1906.

## PRICES-CURRENT (retail) of Food-grains and Salt in the Head-quarters

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN											
		WHEAT.			BARLEY.			RICE, COMMON.			JOWAR OR CHOLEM (Sorghum Vulgare)		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Burdwan Division.	1 Burdwan	...	...	...	...	...	...	6 12	8 8	12 0	...	...	...
	2 Birbhum	...	8 0	9 0	13 8	...	...	7 8	9 0	13 8	...	...	...
	3 Bankura	...	12 0	12 0	12 8	...	...	7 8	9 6	13 0	...	...	...
	4 Midnapore	...	10 0	10 0	10 0	...	...	7 0	9 0	13 8	...	...	...
	5 Hooghly	...	8 8	8 8	8 8	...	...	6 6	8 4	10 0	...	...	...
	6 Howrah	...	...	...	12 0	...	...	6 8	8 0	12 0	...	...	...
Purandary Division.	7 24-Parganas	...	9 8	8 9	11 0	...	...	6 8	8 0	10 5	...	...	...
	8 Calcutta	...	10 0	11 0	10 10	11 8	14 0	7 0	7 10	8 10	...	...	...
	9 Nadia	...	12 0	13 5	12 13	13 5	17 12	6 2	7 13	11 7	...	...	...
	10 Murshidabad	...	11 0	12 0	14 8	16 0	16 0	7 0	8 0	12 0	...	...	...
	11 Jessore	...	8 0	8 0	10 0	8 0	8 0	6 6	8 0	12 8	...	...	...
Patna Division.	12 Khulna	...	...	...	...	...	...	5 14	6 12	13 0	...	...	...
	13 Patna	...	10 12	12 8	16 0	13 0	18 0	8 0	9 8	11 0	...	...	...
	14 Gaya	...	11 8	11 8	13 13	16 0	14 14	9 4	9 8	12 0	11 0	12 9	13 7
	15 Shahabad	...	11 0	11 0	15 0	14 0	14 0	9 8	10 8	14 0	...	...	...
	16 Saran	...	11 4	12 0	14 0	13 0	14 0	9 0	10 0	13 0	...	...	...
	17 Champaran	...	10 12	11 4	15 8	11 4	13 8	8 8	8 8	13 8	...	...	...
	18 Muzaffarpur	...	10 0	11 0	14 0	11 0	13 0	7 0	8 0	11 0	...	...	...
	19 Darbhanga	...	8 12	11 0	14 4	11 0	12 1	8 12	8 3	14 4	...	...	...

- A. In the subdivisions the retail prices of salt per rupee are—Katwa 17 seers 10 chitaks; Raniganj 16 seers. Kulsia not reported.
- B. At Rampur Hat the retail price of salt is 16 seers per rupee.
- C. At Vishnupur the retail price of salt is 16 seers per rupee.
- D. In the subdivisions the retail prices of salt (panga) per rupee are—Contal 16 seers; Tamluk 16 seers; Ghatal 16 seers.
- E. In the subdivisions the retail prices of salt per rupee are—Serampore 16 seers (Liverpool); Arambagh 16 seers.
- F. At Ulubaria the retail price of salt is 16 seers per rupee.
- G. In the marts in the interior of the district the retail prices of salt per rupee are—Chetla 16 seers; Barasat 14 seers; Baduria 16 seers (crushed); Mograhat 16 seers; Barrackpore 13 seers.
- H. In the subdivisions the retail prices of salt per rupee are—Kushtia 16 seers (panga); Ghudanga 13 seers (karkatch); Meherpur 16 seers (karkatch); Ranaghat 12 seers (crushed).

WEIGHTS OF 80 TOLARS.

[illegible]

KANGNI OR KARUN, ITALIAN MILLET ( <i>Setaria italica</i> ).			GRAM, CHANA, CHHOLA, KADALI OR SUNAGA ( <i>Cicer arietinum</i> ).		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	10 8	12 0	16
...	...	...	10 8	10 8	15
...	...	...	12 0	12 0	14
...	...	...	10 0	10 8	11 0
...	...	...	12 0	12 8	13 0
...	...	...	10 0	10 0	12 1
...	...	...	11 8	12 0	13 1
...	...	...	11 0	10 12	12 0
10 0	10 0	7 0	10 8	11 8	12 0
...	...	...	12 0	11 14	16
...	...	...	11 0	12 0	22
...	...	...	10 0	10 0	16
...	...	...	9 0	10 0	15
...	...	...	18 0	14 0	17
11 0	11 4	12 5	18 0	18 9	17
...	...	...	14 0	14 0	17
10 0	10 0	...	12 0	14 0	16
...	...	...	11 0	18 8	18
...	...	...	11 0	12 0	15
...	...	...	9 4	11 0	17

Station Basars of the districts of Bengal on the 31st August 1906.

												WHOLESALE PRICES PER MAUND OF 40 SEERS.						
INDIAN-CORN OR MAIZE (See ways).			ARHAR (dāl) OR THUR, CADJAN PRA (Cajanus indicus).			SALT.			SALT.									
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			DISTRICTS.				
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.							
...	...	...	8 0	8 4	10 12	A	16 0	16 0	16 8	2 4 0	2 4 0	2 3 0	BENGAL.		1			
...	...	...	6 0	6 0	8 4	B	16 0	16 0	16 0	2 8 0	2 8 0	2 7 0	Muridwan.		2			
...	...	...	9 8	9 8	10 0	C	16 0	16 0	16 0	2 6 0	2 6 0	2 8 0	Karkatch.		3			
...	...	...	7 0	8 0	8 0	D	13 12	13 12	14 0	2 5 0	2 5 0	2 6 0	Panga.		4			
...	...	...	8 0	8 0	10 0	E	14 0	14 0	16 0	2 4 0	2 4 0	2 3 0	Crushed.		5			
...	...	...	7 8	8 0	10 0	F	16 0	17 0	16 0	2 3 0	2 3 0	2 6 0	Hooghly.		6			
...	...	...	7 8	8 0	10 12	G	16 0	17 0	16 0	2 4 0	2 4 0	2 4 0	Howrah.		7			
...	...	...	12 4	7 8	8 0	H	16 0	16 0	18 0	2 2 0	2 2 0	2 8 0	24-Parganas.		8			
...	...	...	7 1	7 4	9 2	I	18 4	17 12	16 0	2 3 0	2 4 0	2 3 0	Calcutta.		9			
...	...	...	7 0	7 0	9 0	J	16 0	16 0	15 0	2 8 0	2 8 0	2 8 0	Nadia.		10			
...	...	...	10 5	10 12	16 0	K	16 0	16 0	16 0	2 8 0	2 8 0	2 8 0	Murshidabad.		11			
...	...	...	8 0	10 0	10 0	L	13 5	13 5	18 5	2 12 0	2 12 0	3 0 0	Jessore.		12			
...	14 0	22 0	7 8	8 0	11 0	M	14 0	14 0	16 0	2 12 0	3 0 0	2 8 0	Khulna.		13			
18 0	...	17 15	7 8	7 7	9 11	N	16 14	15 10	15 14	2 10 0	2 10 0	2 8 0	BIHAR.		14			
...	...	...	8 0	8 0	10 0	O	15 0	15 0	16 0	2 10 8	2 10 8	2 8 0	Patna.		15			
...	18 8	17 0	8 0	9 0	10 0	P	16 0	16 0	17 0	2 8 0	2 8 0	2 6 0	Gaya.		16			
...	11 0	20 0	7 0	8 0	12 0	Q	15 0	15 0	15 0	2 10 8	2 10 8	2 9 0	Shahabad.		17			
19 0	13 0	18 0	6 0	7 0	11 0	R	13 0	13 0	14 0	2 13 9	2 13 9	2 12 0	Saran.		18			
...	11 0	22 0	6 9	6 9	16 8		12 1	15 6	15 6	3 5 0	2 9 8	2 8 0	Champaran.		19			
													Muzaffarpur.		20			
													Darbhanga.		21			

- A. In the subdivisions the retail prices of salt per rupee are—Jangipur 16 seers; Lalbagh 14 seers; Kandi 15 seers.  
 J. In the subdivisions the retail prices of salt per rupee are—Jhenida 13 seers 12 chitaks (karkatch); Magura 12 seers (karkatch); Bangaon 16 seers (panga) and Nandil 14 seers 3 chitaks (Panga).  
 K. In the subdivisions the retail prices of salt per rupee are—Bagerhat 12 seers (karkatch); Satkhira 16 seers.  
 L. In the subdivisions the retail prices of salt per rupee are—Barh 16 seers (panga); Bihar 14 seers.  
 M. In the subdivisions the retail prices of salt per rupee are—Jāhanabad 16, Nawada 16 and Aurangabad 16 seers.  
 N. In the subdivisions the retail prices of salt per rupee are—Buxar 16 seers; Bhabua 14 seers and Sasaram 16 seers.  
 O. In the subdivisions the retail prices of salt per rupee are—Siwan 16 seers, Gopalganj 16 seers (panga).  
 P. At Hettiah the retail price of salt is 14 seers 8 chitaks per rupee.  
 Q. In the subdivisions the prices of salt per rupee are—Sitamarhi 11 seers; Hajipur 15 seers.  
 R. In the subdivisions the retail prices of salt per rupee are—Samastipur 15 seers; Madhubani 1 seers.

## PRICES-CURRENT (retail) of Food-grains and Salt in the Head-quarters

Number.	DISTRICTS	QUANTITIES PER RUPEE IN											
		WHEAT.			BARLEY.			RICE, COMMON.			JOWAR OR CHOLU (Sorghum Vulgare).		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	BIHAR—concluded.												
BRABALPUR DIVISION.	20 Monghyr ...	10 15	11 8	15 8	14 2	14 10	23 0	7 0	8 2	10 13	...	...	...
	21 Bhagalpur ...	11 6	11 6	14 7	12 12	15 0	24 0	7 8	9 8	13 4	...	...	...
	22 Purnea ...	10 0	11 0	15 0	...	...	...	6 0 & 17 0	7 8 to 8 0	11 0	...	...	...
	23 Darjeeling ...	...	...	...	...	...	...	7 0	7 8	11 0	...	...	...
	24 Sonthal Parganas.	10 0	11 0	10 0	11 0	13 4	18 0	8 6	9 8	14 0	...	...	...
	ORISSA.												
ORISSA DIVISION.	25 Cuttack ...	10 8	11 13	13 2	...	...	...	8 8	11 2	14 7	...	...	...
	26 Balasore ...	11 0	11 0	13 0	...	...	...	8 4	9 8	15 0	...	...	...
	27 Angul ...	6 0	6 0	8 0	...	...	...	9 0	10 0	15 0	...	...	...
	28 Paral ...	10 8	10 8	12 13	...	...	...	9 8	9 8	13 2	...	...	...
	29 Sambalpur ...	12 8	12 8	12 0	...	...	...	8 0	10 0	16 8	...	...	...
	CHOTA NAGPUR.												
CHOTA NAGPUR DIVISION.	30 Hazaribagh ...	10 0	10 0	11 0	14 0	14 0	15 0	9 0	10 8	11 0	...	...	...
	31 Kanohi ...	8 8 to 9 0	8 8 to 9 0	7 0 to 10 8	13 0	14 0	15 0	10 0	10 0	10 8	...	...	...
	32 Palamau ...	11 4	12 15	13 8	15 12	16 14	19 2	9 0	11 4	11 4	...	...	...
	33 Maubhum ...	10 0	10 0	12 0	10 0	11 0	13 8	9 0	9 0	12 0	...	...	...
	34 Singbhum ...	11 0	12 0	13 0	...	...	...	8 8	10 0	13 0	...	...	...

- S. In the subdivisions the retail prices of salt (panga) per rupee are—Jamui 15 seers; Begusarai 15 seers.  
T. In the subdivisions the retail prices of salt per rupee are—Banka 13½ seers (panga); Madhipura 13 seers; and Supaul 12 seers (panga).  
U. In the subdivisions the retail prices of salt per rupee are—Kishanganj 14 seers; Basantpur 14 seers.  
V. In the subdivisions the retail prices of salt per rupee are—Kurseong 11 seers; Siliguri 11 seers.  
W. In the subdivisions the retail prices of salt per rupee are—Godda 10 seers; Jamtara 13 seers; Pakour 16 seers; Deoghur 16 seers and Rajmahal 16 seers.

\* Eatable.  
† Worst kind.

CALCUTTA,  
The 10th September 1906.



Station Basars of the districts of Bengal on the 31st August 1906—concl'd.

												WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.		Vindoor.
INDIAN-CORN OR MAIZE (Zea mays).			ARHAR (dal) OR THUR, CADJAN PEA (cajanus indicus).			SALT.			SALT.								
Present return.	Next return.	Corresponding return of last year.	Present return.	Next return.	Corresponding return of last year.	Present return.	Next return.	Corresponding return of last year.	Present return.	Next return.	Corresponding return of last year.						
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Ra. A. P.	Ra. A. P.	Ra. A. P.	BIHAR—concluded.					
14 2	13 10	20 15	7 5	7 13	10 8	15 11	15 11	15 11	2 10	0 2	10 0	2 8	0	Monghyr	20		
12 12	11 6	20 4	7 8	7 10	10 2	15 2	15 2	15 8	2 6	0 2	6 6	2 10	0	Bhagalpur.	21		
...	...	23 0	7 0	7 0	10 0	13 0	13 0	11 0	3 0	0 3	0 0	3 8	0	Purnea.	21		
13 0	14 0	21 0	5 8	5 8	6 8	12 0	11 0	12 0	3 5	0 3	8 0	3 4	0	Darjeeling.	23		
11 0	13 0	19 0	10 0	12 0	12 8	14 0	14 0	14 0	2 12	0 2	12 0	2 10	0	Sonbhat Parganas.	24		
...	...	...	11 2	12 8	17 1	16 0	16 0	16 0	2 5	0 2	5 0	2 8	0	Cuttack.	25		
...	...	...	8 0	8 0	10 0	16 0	16 0	17 0	2 6	0 2	6 0	2 6	0	Palasore.	26		
...	...	...	12 0	12 0	16 0	10 0	10 0	10 0	3 8	0 3	4 0	3 2	0	Angul.	27		
...	...	...	7 14	7 14	9 13	16 0	16 0	16 0	2 8	0 2	8 0	2 6	0	Puri.	28		
...	...	...	9 0	9 0	9 8	13 0	13 0	11 0	3 0	0 3	0 0	3 4	0	Sambalpur.	29		
												CHOTA NAGPUR.					
14 0	14 0	14 0	7 0	7 0	10 0	12 8	12 8	12 0	3 1	3 8	1 3	1 3	0	Hazaribagh.	30		
14 0	14 0	...	6 0	6 8	5 8 to 6 0	12 0	12 0	12 0	3 5	3 3	5 3	3 3	0	Ranchi.	31		
13 8	13 8	16 14	9 0	9 0	10 2	14 10	14 10	15 3	...	...	...	...	...	Palamau.	32		
...	...	...	9 0	8 8	10 0	14 4	14 0	15 0	2 10	0 2	9 0	2 10	0	Manbhum.	33		
...	...	...	12 0	12 0	12 0	13 0	13 0	13 0	2 12	0 2	12 0	3 0	0	Singbhum.	34		

- X. In the subdivisions the retail prices of salt per rupee are—Kondrapara 14 seers; Jajpur return not received.  
Y. At Bhadrak the retail price of salt is 14 seers per rupee (panga).  
Z. In the marts in the interior of the district the retail prices of salt per rupee are—Sankpur 10 seers (karkatch); Phulbani 10 seers 8 chitaks (karkatch).  
a. At Khurda the retail price of salt is 17 seers per rupee.  
b. At Bargarh the retail price of salt is 11 seers (Bombay).  
c. At Gumla, the retail price of salt is 9 seers per rupee (panga).  
d. In the subdivisions the retail prices of salt per rupee are—Gobindapur 16 seers (panga); Jhalda 11 seers (panga).

Published for general information.

C. A. OLDHAM,  
Director of Agriculture, Bengal.

## PRICES-CURRENT (wholesale) of Food-grains, Firewood, &amp;c.,

PRICE PER MAUND

Number	Marts.	PRICE PER MAUND											
		RICE (BEST SORT).			COMMON RICE (more chaul).			WHEAT ( <i>Triticum sativum</i> ).			BARLEY ( <i>Hordeum vulgare</i> ).		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1	Calcutta	7 8 0	6 8 0	5 12 0	6 8 0	5 0 0	4 8 0	3 12 0	3 6 0	3 8 0	3 4 0	2 10 0	2 10 0
2	Burdwan	6 10 0	5 8 0	4 0 0	5 14 6	5 0 0	3 6 0	...	...	...	...	...	...
3	Midnapore	6 0 0	4 12 0	3 4 0	5 11 0	4 6 6	2 12 0	...	...	...	...	...	...
4	Patna	6 0 0	5 8 0	4 0 0	4 14 0	4 8 0	2 15 0	3 12 0	3 2 0	2 14 0	3 0 0	2 4 0	2 4 0
5	Rumaffarpur	6 10 6	6 10 6	5 0 0	5 5 0	4 4 0	3 5 3	3 10 0	3 5 3	2 10 6	3 5 3	2 8 0	2 10 0
6	Bhagalpur	6 6 0	6 6 0	3 15 0	5 5 0	4 4 0	3 0 0	3 8 0	3 8 0	2 12 0	3 2 0	2 10 0	2 10 0
7	Cuttack	5 5 4	5 1 3	3 13 0	4 11 0	3 5 4	2 12 0	3 9 9	3 5 4	3 0 9	...	...	...
8	Sambalpur	4 11 0	4 6 0	3 13 0	4 10 0	3 13 0	2 6 0	3 2 0	3 2 0	3 4 0	...	...	...
9	Ranohi	5 1 3	5 1 3	5 0 10	3 14 6	3 10 3	3 10 0	4 7 0 to 4 11 0	4 7 0 to 4 11 4	3 13 0 to 5 11 3	3 1 0	2 13 9	2 10 0

CALCUTTA,

The 10th September 1906,

## STANDARD SEERS.

JUAB OR CHOLUM ( <i>Sorghum vulgare</i> ).			BAJRA OR CUMBU ( <i>Pennisetum typhoides</i> ).			MARUA OR RAGI ( <i>Eleusine coracana</i> ).			GRAM, CHANA, CHOLA KADALAY, OR SUNAGA ( <i>Cicer arietinum</i> ).		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
...	...	...	...	...	4 12 0	...	...	...	3 10 0	3 6 0	3 0 0
...	...	...	...	...	...	...	...	...	3 8 0	3 6 0	2 4 0
...	...	...	...	...	...	...	...	...	3 4 0 to 3 12 0	3 0 0 to 3 8 0	2 12 0 to 3 4 0
...	...	...	...	...	...	...	...	...	3 0 0	2 14 0	2 5 6
...	...	...	...	...	...	3 1 3	2 10 6	1 18 0	3 5 3	2 15 3	2 8 0
...	...	...	...	...	...	...	...	...	3 8 0	3 2 0	2 3 0
...	...	...	...	...	...	...	...	...	Biri or Kalai.		...
...	...	...	...	...	...	...	...	...	3 6 0	3 0 9	2 5 4
...	...	...	...	...	...	...	...	...	3 13 0	3 13 0	2 10 0
...	...	...	...	...	...	...	...	...	4 3 6	3 13 0	3 5 0

PRICE PER MAUND												
INDIAN-CORN OR MAISE (Zea mays).			ABHAR DAL OR THUR— CADJAN PEA ( <i>Cajanus indicus</i> ).			LINSSEED.			MUSTARD AND RAPSEED.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
...	...	2 10 0	5 4 0	4 12 0	4 12 0	5 2 0	5 4 0	4 14 0	6 4 0	6 0 0	4 6 0	
...	...	...	5 0 0	4 13 0	3 12 6	...	...	...	6 14 0	6 0 0	5 6 0	
}	...	...	5 4 0	4 10 0	4 4 0	4 14 0	4 14 0	4 12 0	Black mustard.		5 12 0	5 12 0
									Rapseed.		5 8 0	4 4 0
...	...	2 1 0	5 4 0	5 0 0	3 10 0	5 8 0	7 4 0	5 0 0	6 0 0	7 4 0	5 4 0	
3 13 0	2 15 3	2 1 0	5 11 6	5 0 0	3 5 8	...	...	...	Mustard.		5 0 0	4 6 0
3 2 0	3 3 0	1 15 0	5 5 0	5 4 0	3 15 0	...	5 3 0	4 8 0	Rapseed.		5 0 0	5 6 0
...	...	...	3 9 0	3 3 6	2 5 4	...	...	...	6 4 0	6 4 0	4 6 0	
...	...	...	3 14 6	3 14 0	3 14 0	...	...	...	5 8 0	5 8 0	4 6 0	
}	...	...	6 10 6	6 2 6	6 10 0	}	5 0 0	5 0 0	}	6 10 6	6 10 6	5 11 6
					7 4 6					7 0 0	7 0 0	6 0 0

STANDARD BEERS.

TIL OR JINJILI SEED.			SUGAR (RAW).			COTTON (CLEANED).			JUTE.		
	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
0	0 8 0	4 8 0	6 0 0	6 0 0	5 8 0	19 0 0	19 0 0	17 0 0	11 4 0	11 14 0	8 0 0
	—	—	5 10 6	5 4 0	6 0 0	—	—	21 0 0	—	—	—
	—	—	5 4 0	5 4 0	7 0 0	20 0 0 to 24 0 0	20 0 0 to 24 0 0	24 0 0	—	—	—
0	7 8 0	6 2 0	5 4 0	5 4 0	5 0 0	18 14 0	18 14 0	—	—	—	5 8 0
	—	—	5 0 0	5 0 0	5 0 0	—	—	—	—	—	—
	—	—	4 8 0	—	5 0 0	20 0 0	20 0 0	20 0 0	—	—	—
3	5 2 8	5 2 0	4 0 6	4 0 6	5 6 0	22 18 0	22 18 0	22 18 9	—	—	—
0	4 14 0	4 6 0	6 4 0	6 2 0	5 8 4	—	—	—	6 4 0	6 4 0	6 0 0
	—	—	5 11 6	5 11 6	6 10 6 to 6 15 6	26 10 0	26 10 0	26 10 0	—	—	—

PRICE PER MAUND OF 40 STANDARD SEERS.						HIDES (COW).			GRASS.		
GHI (CLARIFIED BUTTER).			TOBACCO LEAF.								
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
40 4 0	39 0 0	41 0 0	8 8 0	8 8 0	8 0 0	350 0 0	350 0 0	350 0 0	1 4 0	1 4 0	1 4 0
41 0 0	40 0 0	37 0 0	...	...	...	...	...	...	...	...	...
42 0 0	41 0 0	38 8 0	Madhukhali. 7 0 0 7 0 0 6 0 0			Uncleaned per piece. 2 8 0 2 8 0 2 0 0 to to to 8 8 0 8 8 0 8 0 0			...	...	...
39 0 0	39 0 0	33 0 0	Pulta. 9 0 0 9 0 0 7 12 0			Cleaned per piece. 2 12 0 2 12 0 2 4 0 to to to 3 12 0 3 12 0 3 4 0			...	...	...
40 0 0	40 0 0	35 9 0	8 0 0	8 0 0	8 0 0	...	...	...	...	...	...
38 8 0	41 0 0	36 8 0	9 0 0	9 0 0	6 0 0	...	...	...	...	...	...
41 14 6	41 14 6	38 0 0	5 8 0	5 8 0	4 4 0	80 0 0	80 0 0	25 0 0	0 7 6	0 7 6	0 7 6
40 0 0	40 0 0	37 8 0	22 18 0	22 13 0	16 0 0	40 0 0	40 0 0	38 0 0	...	...	...
37 8 0	40 3 8	38 12 0	10 0 0	10 0 0	10 0 0	2 0 0	2 0 0	2 0 0	0 4 0	0 4 0	0 4 0
42 10 8	53 5 8	44 0 0									



undermentioned *Marts* of Bengal on the 31st August 1906.

STRAW.			JUAN STALKS.			PRICE PER MAUND OF 40 STANDARD SEEDS.									MARTS.		
						IRON.			FIREWOOD.			SALT.					
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
2 0	1 0 0	0 14 0	...	...	...	5 14 0	5 14 0	6 0 0	0 8 0	0 8 0	0 9 0	2 2 0	2 0 2	2 8 0		1. Calcutta.	
2 0	0 12 0	0 12 0	...	...	...	...	...	...	0 8 0	0 5 0	0 7 6	2 4 0	2 4 0	2 3 6		2. Burdwan.	
Per maund.			...	...	...	{ 2 8 0 to 4 8 0 }			{ 2 8 0 to 4 0 0 }			{ 2 5 0 to 2 4 0 }				3. Midnapore.	
3 0	0 8 0	0 8 0	...	...	...	4 0 0	4 0 0	4 0 0	0 6 0	0 6 0	0 6 0	2 12 0	3 0 0	2 8 0		4. Patna.	
...	...	...	...	...	...	8 0 0	8 0 0	5 11 6	0 5 3	0 5 3	0 4 0	2 13 9	2 13 9	2 12 0		5. Muzaffarpur.	
...	...	...	...	...	...	5 0 0	5 0 0	5 0 0	0 5 0	0 5 0	0 5 0	2 6 6	2 6 6	2 10 0		6. Bhagalpur.	
0 0	0 9 0	0 8 0	...	...	...	4 12 0	4 12 0	3 18 4	0 5 0	0 5 0	0 5 0	2 5 0	2 5 0	2 8 0		7. Outtock.	
...	...	...	...	...	...	...	...	...	0 4 0	0 4 0	0 4 0	3 0 0	3 0 0	3 4 0		8. Sambalpur.	
0 0	2 0 0	0 12 9	...	...	...	6 11 6	5 11 6	5 0 0	0 5 0	0 5 0	0 5 0	3 5 8	3 5 8	3 5 0		9. Ranchi.	

C. A. OLDHAM,  
Director of Agriculture, Bengal.

## GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

*Approximate Return of Traffic on the Circular and Eastern Canals for the week ending Saturday, the 8th September 1906, as compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 8TH SEPTEMBER 1906.			WEEK ENDING SATURDAY, THE 9TH SEPTEMBER 1905.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
		Mds.	Rs.		Mds.	Rs.
Rice and paddy ... ..	451	1,36,879	1,121	807	1,06,718	1,626
Jute ... ..	289	49,635	786	140	51,193	658
Firewood ... ..	64	26,935	410	25	11,170	172
Other articles ... ..	677	1,66,701	1,728	606	1,51,864	1,990
Total ..	1,481	3,68,650	4,040	1,678	3,19,935	4,386

## IRRIGATION DEPARTMENT, BENGAL.

## IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1906-07.

Area leased for irrigation up to end of July 1906.

CIRCLE.	District.	Canal.	Estimated full discharge.	Average discharge in month.	Discharge utilised.	Approximate area of land irrigated during the year up to the end of the month.	Approximate area of land under irrigation up to the same date last year.	DETAILS OF AREAS LEASED.										RAINFALL, 1906-07.		RAINFALL, 1905-06.		REMARKS.
								Long-term leases.	SEASON LEASES.					Grand total.	Up to end of month.	During month.	Up to end of month.	During month.	Up to end of month.	During month.	Up to end of month.	
									Kharif.	Rabi.	Wagharone.	Hot-weather.	Total.									
			C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	Inches.	Inches.					
ORISSA	Cuttack	Talanda system ..	1,345	785	400	52,031	52,927	40,771	1,508	..	40	3	2,520	19-06	10-71	31-02	10-71	Average rainfall of Kulmi, Balla and Jagat-singpur.				
		Kondrapara do. ..	1,005	1,100	813	73,053	50,069	74,245	9,054	..	..	..	9,054	18-92	10-93	19-46	10-93	Average rainfall of Kendrapara, Maraghai, Nurtang and Ichapur.				
		High Level, Range I ..	600	370	351	25,096	18,097	23,531	2,276	..	25	..	2,313	20-91	7-76	17-06	7-76	Average rainfall of Cuttack and Jemapur.				
		Ditto, Range II ..	770	100	53	5,770	5,763	5,770	..	..	..	..	..	21-23	8-28	18-46	8-28	Average rainfall of Jemapur and Akhoyapada.				
		Jajpur Canal ...	700	945	215	15,173	11,761	14,909	800	..	34	13	847	19-30	9-01	20-61	9-01	Jajpur.				
Balasore	Balsore	Dudhai Canal ..	700	522	483	20,021	21,114	33,908	..	..	136	600	1	536	24-18	9-38	19-51	9-38	Akhoyapada.			
		High Level, Range III ..	700	522	483	20,021	21,114	33,908	..	..	..	..	..	..	..	..	..	..				
		Total Orissa Canals ..	..	..	..	311,113	199,301	206,418	(a) 13,240	..	385	416	14,011	..	..	..	..	..				
		Total of the corresponding period of last year.	..	..	..	..	..	177,113	(b) 33,118	..	217	427	22,751	..	..	..	..	..				
		Midnapore ..	1,431	400	303	48,795	44,531	46,913	756	..	..	..	..	756	16-08	19-07	31-30	19-07				
SOUTH-WESTERN	Midnapore Howrah	Panchkura ..	832	45	44	3,717	634	4,306	206	..	..	..	305	9-46	19-60	30-02	19-60					
		Tidal Reaches, Range I and II ..	..	..	..	63	..	134	..	..	..	..	..	134	18-46	24-43	37-81	24-43				
		Total Midnapore Canal ..	..	..	..	51,665	45,165	53,344	(c) 961	..	..	..	961	..	..	..	..	..				
		Total of the corresponding period of last year.	..	..	..	..	..	63,942	(c) 9,000	..	..	..	9,000	..	..	..	..	..				
		Eden Canal ...	1,000	326	175	6,715	15,863	17,324	10	5	..	..	16	12-33	25-91	44-46	25-91	44-46				
Burdwan Hooghly.	Burdwan Hooghly.	Corresponding period of last year	..	..	..	..	..	33,775	31	4	..	..	26	..	..	..	..					
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					

(a) Of these 13,240 acres represent provisional leases.

(b) Ditto 25,097 ditto.

(c) Exclusively for provisional lease.

Circles.	District.	Canal.	Estimated full discharge.	Average discharge in month.	Discharge utilized.	Approximate area of land irrigated during the year up to the end of the month.	Approximate area of land under irrigation up to the same date last year.	DETAILS OF AREAS LEASED.										RAINFALL, 1906-07.		RAINFALL, 1906-08.		REMARKS.
								SEASON LEASES.						Grand total.	Total.	During month.	Up to end of month.	During month.	Up to end of month.			
								Long-term leases.	Kharif.	Rabi.	Supercane.	Hot-weather.	Total.									
			C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	Inches.	Inches.				
SOUTH	Shahabad	Western Main	4,242	2,525	315	20,759	23,223	18,486	2,995	...	...	...	504	3,409	21,885	17-14	15-57	16-94	...			
		Betar	1,226	809	698	96,135	96,135	86,956	8,757	...	...	...	5,395	15,153	101,071	17-14	15-57	16-94	...			
		Arrah	2,000	1,374	1,048	145,000	167,331	133,397	53,559	...	...	...	14,663	68,191	171,848	16-78	9-74	11-74	...			
		Eastern Main	...	744	...	3,489	3,651	3,054	841	...	...	...	6,354	21,863	91,509	15-91	17-98	15-56	14-74	...		
		Panna	1,408	...	616	68,412	96,537	69,634	15,351	...	...	...	...	...	...	...	...	...	...	...		
		Total Some Canals	...	...	...	310,367	375,776	310,367	82,293	...	...	36,834	79,137	389,394	...	...	...	...	...			
		Total of the corresponding period of last year.	...	...	...	344,174	...	...	25,517	...	...	34,423	47,030	368,115	...	...	...	...	...			
GABBAR	Champana	Tour Canal	174	...	...	128	...	...	...	...	...	109	109	109	18-24	31-75	34-79	34-79	...			
		Total of the corresponding period of last year.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
		Dhaka Canal	300	36	2	309	...	...	...	210	...	...	223	433	433	22-20	29-37	21-48	31-29	...		
		Corresponding period of last year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	Saran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
		GRAND TOTAL	...	...	...	687,353	806,159	687,353	66,814	5	255	37,575	94,649	687,095	...	...	...	...	...			
		GRAND TOTAL OF THE CORRESPONDING PERIOD OF LAST YEAR.	...	...	...	608,009	...	608,009	55,349	4	217	34,849	80,419	608,486	...	...	...	...	...			

Canals closed.

CALCUTTA,  
The 11th September 1906.

W. A. INGLEIS,  
Secretary to the Govt. of Bengal.

IRRIGATION DEPARTMENT, BENGAL.

*Abstract Statement showing Tollage on Canals in Bengal classed as Major Works for the month of July 1906, as compared with that of the corresponding month of the previous year.*

CANALS.	TOLLAGE, 1906-07.			TOLLAGE, 1905-06.		
	During the month.			During the month.		
	Ra.	A.	P.	Ra.	A.	P.
<i>Orissa Canals.</i>						
Taldanda Canal System	1,356	10	9	5,547	0	0
Kendrapara ditto	2,145	8	0	8,837	4	2
High Level, Range I	1,184	9	3	2,499	3	0
Ditto II	272	10	3	525	4	3
Ditto III	72	10	9	145	10	3
Jajpur Canal	49	2	0	144	0	0
Total Orissa Canals	5,031	3	0	17,698	5	8
Midnapore Canal	3,607	5	9	21,788	12	9
Hijili Tidal Canal	6,581	10	9	29,874	12	0
<i>Sone Canals.</i>						
Patna Canal System	3,796	13	6	6,269	8	8
Arrah ditto	608	1	3	3,229	9	1
Buxar ditto	2,521	9	0	4,818	10	9
Total Sone Canals	6,926	7	9	14,317	12	6
GRAND TOTAL	22,146	11	3	83,679	10	11

CALCUTTA,  
The 11th September 1906.

W. A. INGLIS,  
Secy. to the Govt. of Bengal.

IRRIGATION DEPARTMENT, BENGAL.

*Abstract Statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of July 1906, as compared with that of the corresponding month of the previous year.*

CANALS.	TOLLAGE, 1906-07.			TOLLAGE, 1905-06.		
	During the month.			During the month.		
	Ra.	A.	P.	Ra.	A.	P.
Calcutta and Eastern Canals	17,345	5	9	74,315	3	9
Tolly's Nala	6,033	8	6	22,597	7	0
Madaripur Bhil Route	6,132	3	6*	6,926	7	6*
Total	29,511	1	9	1,03,839	2	3
Orissa Coast Canal	2,943	14	0	12,339	4	3
Nadia Rivers	2,256	15	3	8,112	2	10
GRAND TOTAL	34,711	15	0	1,24,290	9	4

\* Including tollage on steamers and flats.

CALCUTTA,  
The 11th September 1906.

W. A. INGLIS,  
Secy. to the Govt. of Bengal.

**Abstract of the Results of Meteorological Observations taken at the Alipore  
Observatory in the month of August 1906.**

	Inches.	Date.	Hour.
The mean pressure of the month ... ..	29.662		
The average pressure of August from 44 years' registers ... ..	29.596		
The highest pressure in the month ... ..	29.826	16th	10
The lowest pressure in the month ... ..	29.397	27th	16
The range of pressure ... ..	0.429		
	Hours.		
The total number of hours of bright sunshine during the month	131.5		
The maximum possible number of hours of sunshine ... ..	398.4		
	°		
The mean temperature of the month ... ..	83.8		
The average temperature of August from 20 years' registers ... ..	82.5		
The highest temperature in the month ... ..	91.7	31st	
The lowest temperature in the month ... ..	75.9	15th	
The range of temperature during the month ... ..	15.8		
The mean daily range of temperature ... ..	9.7		
The greatest range of temperature in one day ... ..	13.9	3rd	
	Per cent.		
The mean humidity of the month ... ..	85		
The average humidity of August from 20 years' registers ... ..	88		
	Inches		
The mean vapour tension of the month ... ..	0.950		
The average vapour tension of August from 20 years' registers ... ..	0.957		
The mean cloud proportion of the month ... ..	8.18		
The average cloud proportion of August from 29 years' registers ... ..	8.06		
	Inches.		
The total rainfall of the month ... ..	8.14		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 8 feet above the ground) ... ..	7.64		
The average fall of August from 24 years' registers ... ..	12.69		
The greatest fall in 24 hours ... ..	1.10	12h	
	Days.		
The number of rainy days in the month ... ..	18		
The average number of rainy days in August from 24 years' registers ... ..	19		
The mean maximum equilibrium temperature of solar radiation during the month ... ..	140.4		
The mean difference of sun and air temperatures ... ..	52.0		
The greatest sun temperature ... ..	153.9	7th	
The greatest excess of sun over air temperature ... ..	66.3	7th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth ... ..	76.8		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground ... ..	1.9		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature ... ..	2.9	12th and 23rd	
	Miles.		
The mean movement of the wind per day ... ..	133.2		
The greatest movement of the wind in one day ... ..	271.0	27th	
The greatest movement of the wind in one hour ... ..	20.0	27th 3 to 4 P.M.	

The number of hours with winds from each of the eight points—

N. 3, N.E. 4, E. 73, S.E. 89, S. 195, S.W. 295, W. 65, N.W. 6, Calm 14.

C. W. PEAKE,

for Director-General of Observatories.

METEOROLOGICAL OFFICE, GOVT. OF INDIA,  
Alipore (Calcutta), the 10th September 1906.



Results of the Meteorological Observations taken at the Alipore Observatory from  
2nd to 8th September 1906.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometre at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1906.				Inches.						Inches.		%			Inches.	
Sept.	2nd	141.9	2.6	29.68	83.5	90.0	12.5	77.5	79.2	0.959	78.0	85	N and S by E	45	0.69	Chiefly cloudy, o, g, d, p, t. < K.
"	3rd	143.6	2.0	656	83.6	88.1	8.5	79.6	80.6	1.007	79.4	87	S by E and SE by E.	45	0.92	Chiefly cloudy, o.
"	4th	138.9	1.2	627	82.6	87.8	3.2	78.4	78.9	0.935	77.8	88	ENE and ESE and E by S.	93	0.01	Chiefly cloudy, o, d.
"	5th	106.7	Nil.	596	80.3	82.7	4.8	78.4	78.4	.950	77.7	91	E by S, ESE and SE.	106	0.35	Cloudy, o, g, d, p.
"	6th	140.1	1.8	594	81.7	85.9	7.8	78.1	78.8	.957	77.9	90	SE and ESE	92	0.61	Cloudy, o, p.
"	7th	137.9	1.0	631	81.4	86.6	9.9	76.7	78.8	.955	77.8	98	SE by E and SE.	101	0.71	Chiefly cloudy, o, d, p.
"	8th	109.1	Nil.	639	81.1	83.1	3.4	79.7	78.8	.964	78.1	92	SE by S, SSE and SE.	61	0.01	Cloudy, o, g.

The mean pressure of the seven days ... .. Inches. 29.626

The average pressure of the corresponding period for 24 years, Surveyor-General's Office ... .. 29.651

The total number of hours of bright sunshine ... .. Hours. 8.6

The maximum possible number of hours of sunshine ... .. 87.2

The mean temperature of the seven days ... .. 82.1

The average temperature of the corresponding period for 24 years, Surveyor-General's Office ... .. 83.4

The extreme variation of temperature ... .. 13.3

The maximum temperature ... .. 90.0

The highest velocity of the wind in one hour ... .. Miles. 9

The mean relative humidity ... .. % 89

The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office ... .. 86

The total fall of rain from 2nd to 8th September 1906 ... .. Inches. 2.70

The average fall of the corresponding period for 24 years, Surveyor-General's Office ... .. 2.97

The total fall from 1st January to 8th September 1906 ... .. 45.75

The average fall of the corresponding period for 24 years, Surveyor-General's Office ... .. 51.63

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and from eye observations.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the New Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground. The rainfall reported on any day is for 24 hours preceding 8 A.M. of that day.

o, overcast; g, gloomy; d, drizzling rain; p, passing temporary showers; t, thunder; l, lightning; K, thunder-storm.

O. W. PEAKE,

for Director-General of Observatories.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;  
Alipore (Calcutta), the 10th September 1906.

## EASTERN BENGAL STATE RAILWAY.

*Abstract of Principal Commodities carried over the Eastern Bengal State Railway during the month of June 1906 as compared with the same month of the previous year.*

No.	STAPLES.	1905.	1906.	Increase in 1906.	Decrease in 1906.	EXPLANATIONS OF FLUCTUATIONS BY TRAFFIC SUPERINTENDENT.
		Tons.	Tons.	Tons.	Tons.	
1	Apparel, including drapery, haberdashery, millinery, uniforms, accoutrements, boots and shoes.	13	31	.....	18	
2	Coal and coke carried for the Public and Foreign Railways.	43,734	33,323	9,911	.....	
3	Cotton—					
	(1) Raw .....	234	428	.....	204	
	(2) Manufactured—					
	(a) Twist and yarn, European .....	276	183	94	.....	
	(b) Ditto, Indian .....	287	170	97	.....	
	(c) Piece-goods, European .....	1,244	1,649	.....	405	
	(d) Ditto, Indian .....	101	38	63	.....	
	(e) Others .....	.....	.....	.....	.....	
4	Chemicals, excepting saltpetre .....	50	100	.....	41	
5	Drugs—					
	(1) Intoxicating, other than opium .....	13	13	.....	1	
	(2) Non-intoxicating—					
	(a) Medicinal preparations .....	3	8	.....	5	
	(b) Others .....	46	12	30	.....	
6	Dyes and Tans—					
	(1) Al (Moriada citrifolia) .....	.....	.....	.....	.....	
	(2) Alizarine and Aniline dyes .....	.....	.....	.....	.....	
	(3) Cutch .....	10	9	1	.....	
	(4) Indigo .....	.....	.....	.....	.....	
	(5) Myrabolama .....	.....	.....	.....	.....	
	(6) Tanning barks .....	.....	.....	.....	.....	
	(7) Turmeric .....	832	404	338	.....	
	(8) Others .....	30	81	.....	51	
7	Fodder—					
	(1) Oilcake .....	994	1,335	.....	341	
	(2) Hay, straw and gram .....	2,348	1,408	850	.....	
8	Fruits and vegetables, fresh .....	635	436	99	.....	
9	Grain and Pulse—					
	(1) Gram and pulse .....	3,560	4,114	.....	274	
	(2) Jawar and bajra .....	.....	.....	.....	.....	
	(3) Rice in the husk .....	31,114	5,445	15,669	.....	
	(4) Do. not in the husk .....	12,726	4,803	4,133	.....	
	(5) Wheat .....	145	500	.....	285	
	(6) Do. flour .....	822	458	164	.....	
	(7) Others .....	235	277	.....	42	
10	Hides and skins—					
	(1) Hides of cattle—					
	(a) Dressed or tanned .....	.....	.....	.....	.....	
	(b) Raw .....	1,627	1,104	523	.....	
	(2) Skins of sheep and other animals—					
	(a) Dressed or tanned .....	67	164	.....	67	
	(b) Raw .....	15	7	8	.....	
11	Horns .....	1,189	777	368	.....	
12	Hemp (Indian) and other fibres, excluding jute.					
13	Jute—					
	(1) Raw .....	4,593	307	4,276	.....	
	(2) Gunny-bags and cloth .....	1,725	1,756	.....	81	
14	Lac .....	23	8	20	.....	
15	Leather—					
	(1) Unwrought .....	.....	.....	.....	.....	
	(2) Wrought, excepting boots and shoes .....	41	.....	41	.....	
16	Liquors—					
	(1) Ale and beer .....	24	27	.....	3	
	(2) Spirits of all kinds, including country spirit. ....	199	48	81	.....	
	(3) Wines .....	.....	.....	.....	.....	
	(4) All other sorts, including toddy and fermented liquors, other than ale and beer.	.....	.....	.....	.....	
17	Metals—					
	(1) Brass, unwrought .....	113	80	88	.....	
	(2) Do., wrought .....	295	153	143	.....	
	(3) Copper, unwrought .....	9	23	.....	14	
	(4) Do., wrought .....	6	20	.....	14	
	(5) Iron and steel—					
	(a) Cast .....	35	1	34	.....	
	(b) Unwrought .....	.....	.....	.....	.....	
	(c) Wrought .....	3,070	3,328	1,643	.....	
	(d) Manufactures .....	1,307	453	854	.....	
	(e) Others .....	1,045	584	461	.....	
18	Oils—					
	(1) Kerosine .....	15,638	11,544	4,094	.....	
	(2) Castor .....	8	4	4	.....	
	(3) Coconut .....	140	123	18	.....	
	(4) Mustard and rape .....	625	232	403	.....	
	(5) Others .....	43	55	.....	13	
19	Oilseeds—					
	(1) Castor .....	300	1	306	.....	
	(2) Earthnuts .....	.....	.....	.....	870	
	(3) Linseed .....	796	1,666	.....	.....	
	(4) Poppy .....	1	.....	1	.....	
	(5) Rape and mustard .....	2,344	1,875	469	.....	
	(6) Til or jmjill .....	85	19	76	.....	
	(7) Others .....	236	92	134	.....	
20	Opium .....	3	.....	2	.....	
21	Paper and pasteboard .....	776	430	346	.....	
22	Provisions—					
	(1) Dried fruits and nuts .....	1	97	.....	96	
	(2) Ghee .....	101	30	71	.....	
	(3) Others .....	1,035	978	87	.....	

No.	STAPLES.	1905.	1906.	Increase in 1906.	Decrease in 1906.	EXPLANATIONS OF FLUCTUATIONS BY TRAFFIC SUPERINTENDENT.
		Tons.	Tons.	Tons.	Tons.	
23	Railway Plant, &c., for the Public and Foreign Railways— (1) Locomotive engines and tenders and parts thereof. (2) Carriages and trucks and parts thereof (3) Materials— (a) Steel rails and fish-plates (b) Sleepers and keys of steel and cast- iron. (c) Others	..... ..... ..... ..... ..... 143	4 ..... ..... ..... ..... 2,540	..... ..... ..... ..... ..... 1,697	4 ..... ..... ..... ..... .....	
24	Salt	11,001	10,432	569	.....	
25	Saltpetre and other saline substances— (1) Saltpetre (2) Other saline substances	3 249	4 230	..... 29	..... .....	1
26	Silk— (1) Raw— (a) Foreign (b) Indian (2) Piece-goods— (a) Foreign (b) Indian	..... ..... ..... ..... ..... .....	..... ..... 7 ..... ..... .....	..... ..... 27 ..... ..... .....	..... ..... ..... ..... ..... .....	
27	Spices— (1) Betelnuts (2) Cardamoms (3) Chillies (4) Ginger (5) Pepper (6) Others	1,067 2 527 230 19 504	673 10 234 180 16 89	394 ..... 293 50 1 475	..... ..... ..... ..... ..... .....	8
28	Stone and lime	3,602	2,377	1,225	.....	
29	Sugar— (1) Refined or crystallised, including sugar- candy. (2) Unrefined— (a) Sugar (b) Gur, ras, jaggery, molasses, and other saccharine produce.	925 943 2,903	727 993 1,064	198 ..... 1,839	..... ..... .....	61
30	Tea— (1) Foreign (2) Indian	..... 2,116	..... 1,408	..... 648	..... .....	
31	Tobacco— (1) Unmanufactured (2) Manufactured— (a) Cigars (b) Other sorts	5,967 ..... 67	507 ..... 50	4,780 ..... 7	..... ..... .....	
32	Wood— (1) Timber, unwrought (2) Manufactures	5,343 288	3,405 214	5,847 74	..... .....	
33	Wool— (1) Raw (2) Manufactured— (a) Carpets and rugs (b) Piece-goods, European (c) Ditto, Indian (d) Other sorts of manufactures	263 ..... ..... ..... ..... .....	263 ..... ..... 14 ..... .....	..... ..... ..... ..... ..... .....	..... ..... ..... ..... ..... .....	14
34	All other articles of merchandise	9,650	9,130	520	.....	
	Total	175,125	113,716	67,088	3,661	

CALCUTTA, the 3rd September 1906.

G. W. SMART,  
for Offy. Examiner of Accounts, E. B. S. Ry.

## Weekly Return of Traffic Receipts on Indian Railways

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 25th August 1906 on 2,094.73 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES	
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
Total traffic for the week ...	403,404	3,63,781 0 0	57,46,952 0	9,18,781 0 0	29,391 0 0	13,10,983 0 0	129,493	155,209
Or per mile of railway ...	173 10 8	173 10 8	27 4 0	438 9 10	13 8 10	625 18 84	.....	.....
For previous 7 weeks of half-year ...	3,176,302*	29,03,810 0 0	4,32,29,159 0	63,71,665 0 0	2,05,865 0 0	84,81,640 0 0	806,905	1,132,329
Total for 8 weeks ...	3,579,296	32,67,601 0 0	4,79,76,091 0	73,90,746 0 0	2,34,356 0 0	1,07,92,393 0 0	1,036,398	1,287,438
COMPARISON.								
Total for corresponding week of previous year.	378,367	2,73,641 5 4	64,79,724 0	8,63,015 6 9	29,406 5 6	12,62,465 1 7	122,993	146,300
Per mile of railway corresponding week of previous year.	.....	181 13 6	.....	480 15 10	13 1 3	615 13 7	.....	.....
Total for corresponding 8 1/2 weeks of previous year.	3,609,604	33,97,715 14 5	4,72,60,970 0	69,34,190 9 2	2,36,029 3 2	1,08,57,936 10 8	1,011,933	1,290,411

(a) The increase is in General merchandise.

\* Added No. of passengers 3,783 and deducted Rs. 9,235

† Deducted Mds. 44,936 and .. 19,334

‡ Do. .. 900

§ Audited figures up to 14th July 1906.

On account of difference between the approximate and audited figures for the week ended 14th July 1906.

1906.

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.
2,072.18	Week ended 7th Jul.	507,107	4,43,481	69,19,079	9,69,319	25,096	14,42,786	694	304,958
2,074.13	" " 14th "	460,894	4,64,849	63,54,935	9,32,534	29,403	13,67,006	658	301,065
2,072.90	" " 21st "	430,967	4,09,346	60,07,179	9,66,769	30,304	13,95,019	678	297,348
2,072.99	" " 28th "	405,018	4,04,281	56,22,375	9,01,465	30,367	12,36,563	596	299,399
2,072.94	" " 4th Aug.	460,627	4,42,270	63,15,815	9,00,130	30,416	13,72,816	662	299,476
2,072.99	" " 11th "	432,935	4,16,058	58,08,854	8,96,535	30,113	13,41,001	647	295,917
2,087.42	" " 18th "	411,734	3,80,839	60,05,619	9,16,353	24,466	13,25,749	635	286,371
2,094.73	" " 25th "	403,404	3,63,781	57,46,952	9,18,781	29,391	13,10,983	626	294,702
	Totals up to date	3,579,296	32,67,601	4,79,76,091	73,90,746	2,34,356	1,07,92,393	644	2,323,836

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—concluded.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.
2,041.33	First 6 days of July	569,004	5,07,593	73,45,162	10,75,471	31,669	16,14,733	791	342,061
2,041.31	Week ended 15th "	530,499	4,60,596	55,14,313	8,14,437	29,993	13,08,080	681	301,745
2,041.31	" " 22nd "	453,067	4,41,802	54,05,115	8,14,637	28,775	13,32,404	682	290,188
2,041.31	" " 29th "	423,430	4,40,780	60,89,665	8,84,662	27,926	13,56,766	665	280,035
2,041.33	" " 5th Aug.	421,583	4,14,472	60,12,782	8,20,983	28,394	12,49,549	619	274,541
2,041.33	" " 12th "	412,045	3,84,088	54,23,290	8,43,745	25,963	12,58,506	614	274,661
2,041.33	" " 19th "	422,019	3,76,684	49,39,968	7,43,810	26,601	11,46,493	591	261,757
2,041.33	" " 26th "	373,337	3,72,641	64,79,724	9,63,016	26,808	12,62,465	616	271,903
	Totals up to date	3,609,604	33,97,716	4,72,60,970	69,34,191	2,36,029	1,08,57,936	635	2,592,344

\* Audited figures.

## TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 25th August 1906 on 22.33 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES	
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
Total traffic for the week ...	17,942	3,995 0 0	10,605 0	435 0 0	8 0 0	4,428 0 0	963	225
Or per mile of railway ...	.....	179 4 3	.....	19 9 1	0 3 9	199 3 1	.....	.....
For previous 7 weeks of half-year ...	165,951*	40,276 0 0	67,464 0	2,316 0 0	59 0 0	48,890 0 0	6,765	1,576
Total for 8 weeks ...	183,897	44,290 0 0	78,069 0	2,951 0 0	67 0 0	47,278 0 0	7,759	1,801
COMPARISON.								
Total for corresponding week of previous year.	16,340	3,484 9 9	7,738 10	410 4 0	7 11 6	3,902 9 3	1,445	335
Per mile of railway corresponding week of previous year.	.....	160 18 0	.....	18 7 3	0 5 7	175 8 10	.....	.....
Total for corresponding 8 1/2 weeks of previous year.	173,601	40,537 14 11	96,840 30	2,609 3 0	75 6 8	43,913 8 5	7,983	1,831

\* Added No. of passengers 1,150 and

† Deducted Mds. 2,783 and

‡ Added

§ Audited figures up to 14th July 1906.

On account of difference between the approximate and audited figures for the week ended

14th July 1906.

.. 4

## TARKESSUR BRANCH RAILWAY—concluded.

1906.

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1905-23	Week ended 7th July	41,084	10,686	14,589	553	15	11,264	507	1,252	Rs. A. P.
1905-23	" " 14th "	34,540	5,787	10,814	416	13	6,166	277	1,190	8 15 11
1905-23	" " 21st "	30,118	4,862	12,708	390	7	5,449	236	1,188	8 15 11
1905-23	" " 28th "	18,770	4,888	6,100	247	6	4,641	209	1,188	4 0 9
1905-23	" " 4th Aug.	21,805	5,850	6,105	324	6	6,280	283	1,188	3 14 6
1905-23	" " 11th "	20,019	4,621	7,452	302	5	4,988	224	1,188	5 4 7
1905-23	" " 18th "	18,735	4,621	6,500	254	7	4,382	192	1,188	4 3 2
1905-23	" " 25th "	17,946	3,985	10,606	435	8	4,428	199	1,188	3 9 5
	Totals up to date	183,897	44,260	78,069	2,951	67	47,278	200	9,570	4 10 1

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—concluded.

1905.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1905-23	First 8 days of July	25,207	5,782	11,200	304	10	6,195	279	1,252	Rs. A. P.
1905-23	Week ended 15th "	33,950	7,943	9,890	283	9	8,134	366	1,252	6 12 4
1905-23	" " 22nd "	26,398	6,519	6,291	213	4	7,735	303	1,252	6 7 11
1905-23	" " 29th "	15,438	3,679	4,222	171	14	3,854	174	1,010	6 10 8
1905-23	" " 5th Aug.	15,806	3,494	13,446	276	9	3,770	170	1,384	2 12 8
1905-23	" " 12th "	21,080	5,409	4,943	227	6	5,732	268	1,196	5 3 7
1905-23	" " 19th "	19,279	4,239	42,105	627	6	4,873	219	1,032	5 8 10
1905-23	" " 26th "	16,249	3,484	7,739	611	8	3,093	176	1,790	5 13 6
	Totals up to date	173,605	40,535	98,840	2,601	75	43,214	239	9,796	4 6 8

\* Audited figures.

## DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 25th August 1906 on 162.36 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	20,808	22,028 0 0	1,56,155 0	13,426 0 0	43 0 0	22,469 0 0	9,106	3,902	13,008
Or per mile of railway	127 10 0	135 10 0	9,567 0 0	82 11 1	0 4 2	218 10 0	55 69 5	22 56 5	78 26 0
For previous 7 weeks of half-year	199,031*	1,40,592 0 0	8,55,787 0 0	60,212 0 0	293 0 0	2,40,097 0 0	63,669 5	22,036 5	85,706 0
Total for 8 weeks	219,839	1,71,620 0 0	10,11,892 0	1,03,638 0 0	336 0 0	2,76,593 0 0	73,068	25,937	100,005
COMPARISON.									
Total for corresponding week of previous year.	21,662	18,651 11 5	2,40,494 10	16,427 4 0	45 7 9	34,824 7 2	7,067	3,570	10,637
Or per mile of railway corresponding week of previous year.	130 0 0	113 0 6	14,800 0 0	101 2 10	0 4 6	214 7 10	43 69 5	22 56 5	78 26 0
Total for corresponding 8 weeks of previous year.	217,302	1,61,353 11 9	14,25,785 20	1,26,080 8 0	304 7 0	2,69,765 10 9	61,231	30,605	91,836

\* Deducted No. of passengers 1,033 and Rs. 1,851 }  
 † Added Mds. 13,061 and Rs. 2,743 }  
 ‡ Ditto " " " " " " }  
 § Audited figures up to 14th July 1906. On account of difference between the approximate and audited figures for the week ended 14th July 1906.

1906.

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of Railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1905-23	Week ended 7th July	31,157	21,273	1,54,000	13,005	58	34,336	211	15,124	Rs. A. P.
1905-23	" " 14th "	18,355	20,955	98,230	18,313	54	39,212	223	14,036	3 9 10
1905-23	" " 21st "	28,217	21,107	79,859	12,890	80	34,073	211	13,289	3 9 3
1905-23	" " 28th "	28,943	21,005	60,104	12,718	37	34,565	217	13,460	3 9 3
1905-23	" " 4th Aug.	28,297	21,009	1,33,582	11,469	35	33,553	217	13,035	3 9 2
1905-23	" " 11th "	28,711	21,023	1,39,002	11,474	35	33,529	216	12,687	3 9 3
1905-23	" " 18th "	27,451	20,781	1,08,909	13,129	40	33,829	209	13,094	3 9 6
1905-23	" " 25th "	29,808	22,048	1,56,155	13,426	42	35,496	219	13,008	3 11 6
	Totals up to date	228,839	1,71,620	10,11,892	1,03,638	336	2,76,593	212	1,05,992	3 9 7

Abstract of progressive weekly returns of all earnings for 1906 in comparison with 1905—concluded.

1905.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1905-23	First 5 days of July	32,258	24,032	2,04,435	20,023	63	44,178	272	14,024	Rs. A. P.
1905-23	Week ended 15th "	39,337	21,877	1,47,354	19,395	69	31,745	270	12,280	3 2 3
1905-23	" " 22nd "	27,090	10,793	1,00,854	17,037	62	28,682	227	10,000	3 5 9
1905-23	" " 29th "	27,228	19,982	2,03,735	24,888	68	44,848	276	11,076	4 0 9
1905-23	" " 5th Aug.	25,176	15,003	1,08,907	10,189	34	35,130	216	10,938	3 3 5
1905-23	" " 12th "	26,426	19,146	1,16,591	10,573	44	30,023	187	11,028	2 11 7
1905-23	" " 19th "	26,706	18,499	88,523	9,008	39	28,146	173	11,253	2 8 0
1905-23	" " 26th "	24,052	18,332	2,40,494	16,427	45	34,825	210	10,837	3 4 5
	Totals up to date	217,302	1,61,354	14,25,785	1,26,080	305	2,69,765	219	92,003	3 4 3

\* Audited figures.

## ASSAM-BENGAL RAILWAY.

Approximate Return of traffic for the week ended 25th August 1906 on 768 miles open for all descriptions of traffic and an additional 3 miles for goods traffic only.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	41,576	Rs. 24,740 0 0	Mds. 336,100 0	Rs. 42,683 0 0	Rs. 10,574 0 0	Rs. 54,903 0 0	11,343	17,323	28,666
Or per mile of railway	53'88	31'23	439'52	55'31	13'71	71'02	14'77	23'34	38'11
For previous 7 weeks of half-year	290,333	1,72,373 0 0	1,760,923 0	3,02,146 0 0	36,508 0 0	5,10,931 0 0	78,984	119,063	198,047
Total for 8 weeks*	331,909	1,97,113 0 0	2,396,923 0	3,51,689 0 0	47,076 0 0	5,95,824 0 0	90,397	136,376	226,773
COMPARISON.									
Total for corresponding week of previous year	33,948	21,625 0 0	290,965 0	44,233 0 0	4,182 0 0	60,910 0 0	10,308	18,310	28,618
Per mile of railway corresponding week of previous year	44'71	28'31	401'50	59'77	5'61	74'59	13'99	24'74	38'73
Total to corresponding date of previous year	294,233	1,75,512 0 0	1,478,433 0	2,82,166 0 0	34,218 0 0	4,91,897 0 0	83,313	138,061	221,374

\* Includes Noakhali Railway earnings Rs. 12,110 and train-mileage 4,832.

## FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Assam-Bengal Railway.

RECEIPTS FOR WEEK ENDING 25TH AUGUST 1906.			RECEIPTS FOR WEEK ENDING 25TH AUGUST 1905.			TOTAL RECEIPTS FROM 1ST APRIL 1906 TO 25TH AUGUST 1906.			TOTAL RECEIPTS FROM 1ST APRIL 1905 TO 25TH AUGUST 1905.			Total increase 1906.	Total decrease 1906.
Mean-mileage worked.	Receipts.	Per mile worked.	Mean-mileage worked.	Receipts.	Per mile worked.	Mean-mileage worked.	Total receipts.	Per mile worked per week.	Mean-mileage worked.	Total receipts.	Per mile worked per week.		
771	Rs. 84,903	110'34	760	Rs. 60,910	80'59	771	Rs. 15,27,073	...	760	Rs. 11,92,879	...	Rs. 2,44,206	.....

## BENGAL AND NORTH-WESTERN RAILWAY.

Approximate Return of Traffic for the week ending 25th August 1906 on 1,548 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week on 1,548 miles open	231,300	Rs. 79,340	Mds. 731,750	Rs. 74,310	Rs. 17,570	Rs. (a) 1,71,180	144,377	(b) 84,325	78,662
Or per mile of railway	142'98	51'23	473'71	48'00	11'35	110'58	93'08	57'60	75'02
For previous 7 weeks of half-year	(c) 2,025,476	7,82,770	4,863,760	4,83,303	1,10,176	15,79,948	326,328	228,606	5,54,934
Total for 8 weeks	2,256,776	8,62,670	5,595,519	5,57,613	1,27,746	16,90,425	382,705	262,793	6,45,498
COMPARISON.									
Total for corresponding week previous year on 1,467 miles open	231,333	81,610	769,903	77,843	19,946	1,80,398	47,611	(d) 31,124	78,735
Or per mile of corresponding week previous year	157'94	55'31	519'97	53'06	13'60	123'97	32'48	21'32	26'80
Total to corresponding date of previous year	2,108,980	8,00,662	6,863,445	6,40,935	1,40,043	16,96,620	383,840	271,175	6,55,015
Earnings per Coaching, Goods and Mineral train-mile respectively for the week	...	1'79	...	5'17	7'23	10'18	...	...	...
Do for the corresponding date of previous year	...	1'74	...	5'30	7'25	10'20	...	...	...

(a) Decrease due to heavy monsoons.  
 (b) Includes 9,316 miles of ballast trains.  
 (c) Ditto audited figures up to week ending 14th July 1906.  
 (d) Ditto 7,745 miles of ballast trains.



**EASTERN BENGAL STATE RAILWAY SYSTEM.**  
(INCLUDING DACCA SECTION.)

*Approximate Return of Traffic and Mileage for the week ended 25th August 1906 on 1,271 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including steam-boat).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	303,930	1,37,300 0 0	23,78,170 0	3,31,600 0 0	57,000 0 0	5,75,980 0 0	58,619	54,405	113,024
Or per mile of railway ...	239	108 0 0	1,792 0	300 0 0	*27 0 0	*435 0 0	...	...	...
For previous 7 weeks of half-year ...	2,663,948	10,15,786 0 0	93,14,699 0	15,14,369 0 0	1,26,001 0 0	26,53,246 0 0	419,095	337,985	757,080
Total for 8 weeks ...	2,967,878	11,53,086 0 0	1,17,92,869 0	16,46,039 0 0	1,83,171 0 0	32,34,226 0 0	478,614	392,391	871,005
<b>COMPARISON.</b>									
Total for corresponding week of previous year ...	280,768	1,24,718 0 0	18,90,328 0	3,43,697 0 0	77,887 0 0	5,46,463 0 0	54,467	55,936	110,403
Per mile of railway corresponding week of previous year (1,141 miles) ...	246	109 0 0	1,665 0	301 0 0	68 0 0	480 0 0	...	...	...
Total to corresponding date of previous year ...	2,682,005	10,66,983 0 0	1,06,24,890 0	17,47,118 0 0	2,03,464 0 0	30,21,865 0 0	445,999	327,065	773,064

\* Excluding ferry earnings, Rs. 23,030.

† Audited up to week ending 14th July 1906.

**DACCA STATE RAILWAY.**

*Approximate Return of Traffic and Mileage for the week ended 25th August 1906 on 86 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	30,180	8,040 0 0	50,390 0	4,630 0 0	170 0 0	13,640 0 0	3,563	3,817	6,400
Or per mile of railway ...	351	104 0 0	586 0	53 0 0	2 0 0	159 0 0	...	...	...
For previous 7 weeks of half-year ...	242,518	66,806 0 0	3,00,519 0	24,632 0 0	1,008 0 0	31,554 0 0	28,972	13,198	42,070
Total for 8 weeks ...	272,698	74,746 0 0	3,50,909 0	29,212 0 0	1,238 0 0	1,05,194 0 0	32,435	16,935	49,370
<b>COMPARISON.</b>									
Total for corresponding week of previous year ...	43,800	11,563 0 0	85,363 0	6,173 0 0	411 0 0	18,117 0 0	3,001	3,975	6,976
Per mile of railway corresponding week of previous year ...	496	134 0 0	993 0	72 0 0	5 0 0	211 0 0	...	...	...
Total to corresponding date of previous year ...	250,468	68,980 0 0	3,41,046 0	24,592 0 0	1,303 0 0	34,874 0 0	37,462	13,476	50,938

\* Audited up to week ending 14th July 1906.

**COOCH BEHAR RAILWAY—NATIVE SECTION.**

*Approximate Return of Traffic and Mileage for the week ended 25th August 1906 on 33.6 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	1,200	490 0 0	51,710 0	2,220 0 0	10 0 0	2,710 0 0	62	(a) 732	794
Or per mile of railway ...	36	14 0 0	1,532 0	66 0 0	1 0 0	81 0 0	...	...	...
For previous 7 weeks of half-year ...	18,368	7,408 0 0	1,76,094 0	6,455 0 0	131 0 0	13,996 0 0	2,815	5,368	8,183
Total for 8 weeks ...	19,568	7,898 0 0	2,58,404 0	8,975 0 0	141 0 0	16,704 0 0	2,867	6,097	8,964
<b>COMPARISON.</b>									
Total for corresponding week of previous year ...	2,963	907 0 0	11,697 0	968 0 0	15 0 0	2,000 0 0	467	345	812
Per mile of railway corresponding week of previous year ...	88	30 0 0	345 0	29 0 0	1 0 0	60 0 0	...	...	...
Total to corresponding date of previous year ...	20,439	8,554 0 0	76,176 0	6,698 0 0	83 0 0	15,314 0 0	3,935	3,061	6,996

(a) Ballast train-miles, 790.

\* Audited up to week ending 14th July 1906.

## MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 25th August 1906 on 50.69 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MTons. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	5,270	2,570 0 0	20,330 0	1,320 0 0	40 0 0	3,930 0 0	1,120	508	1,628
Or per mile of railway ...	103	51 0 0	504 0	26 0 0	1 0 0	78 0 0	.....	.....	.....
For previous 7 weeks of half-year ...	50,243	18,731 0 0	1,37,673 0	7,874 0 0	151 0 0	26,756 0 0	9,264	2,606	10,820
Total for 8 weeks ...	67,513	21,801 0 0	1,63,203 0	9,194 0 0	191 0 0	30,686 0 0	9,884	3,164	12,568
COMPARISON.									
Total for corresponding week of previous year ...	9,686	3,020 0 0	15,786 0	687 0 0	52 0 0	3,359 0 0	1,135	927	2,032
Per mile of railway corresponding week of previous year ...	189	51 0 0	307 0	13 0 0	1 0 0	66 0 0	.....	.....	.....
Total to corresponding date of previous year ...	71,811	20,330 0 0	2,51,463 0	11,900 0 0	176 0 0	33,336 0 0	9,527	3,061	12,588

\* Audited up to week ending 14th July 1906.

## DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

		Rs.	A.	P.	Rs.	A.	P.
Approximate earnings for the week ending 1st September 1906...	{ Coaching ...	9,772	0	0	17,676	0	0
	{ Goods ...	7,834	0	0			
	{ Other earnings ...	69	0	0			
Audited earnings for the corresponding period of 1905 ...	{ Coaching ...	5,572	0	0	15,262	0	0
	{ Goods ...	9,618	0	0			
	{ Other earnings ...	72	0	0			
	Increase	...	...	...	2,413	0	0
Receipts per mile, for the week ending 1st September 1906	...	...	...	...	346	9	1
Ditto for the corresponding period of 1905	...	...	...	...	299	4	1
	Increase	...	...	...	47	5	0
Receipts from 1st July to 1st September 1906	...	...	...	...	1,32,582	0	0
Ditto for the corresponding period of 1905	...	...	...	...	1,49,268	0	0
	Decrease	...	...	...	16,686	0	0



SUPPLEMENT TO  
**The Calcutta Gazette.**

WEDNESDAY, SEPTEMBER 19, 1906.

OFFICIAL PAPERS.

[Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of five rupees per annum if delivered in Calcutta, or seven rupees and eight annas if sent by post.]

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**RESOLUTION ON THE ADMINISTRATION REPORT OF THE ORISSA PORTS FOR THE YEAR 1905-06.**

No. 1735 Marine.

Government of Bengal.

MARINE DEPARTMENT.

Dated Calcutta, the 13th September 1906.

**Administration Report of the Orissa Ports for the year 1905-1906.**

RESOLUTION.

READ—

Letter No. 708C., dated 25th July 1906, from the Commissioner of the Orissa Division, submitting the report on the Administration of the Orissa Ports for the year 1905-06.

The receipts of the ports during the year amounted to Rs. 15,211, against Rs. 14,054 in 1904-05, showing an increase of Rs. 1,157.

2. The expenditure amounted to Rs. 19,748, as against Rs. 15,451 in the previous year, showing an increase of Rs. 4,297. The increase is specially marked in Cuttack under head "Pensions" which is due to the fact that recoveries from the Port Fund were made on account of six quarterly instalments of pension to the late Port Officer, False Point. There has been also an increase in Balasore which is due to the purchase of a steel buoy and a Wigham's lamp for Shortt's Island.

3. The expenditure during the year exceeded the receipts, but owing to the balance of Rs. 11,691 in hand, no contribution was required from Government.

4. The value of trade was Rs. 91,62,471 during the year, as against Rs. 81,04,752 in the preceding year, showing an increase of Rs. 10,57,719.

5. There was a slight increase in the number, but a decrease in the tonnage of the vessels visiting the ports. In all 217 vessels with an aggregate tonnage of 158,341 tons entered during 1905-1906, as against 215 vessels with a tonnage of 158,949 tons in the previous year.

6. The passenger traffic between Orissa and Calcutta is fairly steady. Almost the whole of this traffic is with the port of Chaudballi, and the numbers carried between Calcutta and this port and *vice versa* were 41,514 and 40,827.

7. The ports were inspected by the Port Officer, Calcutta, during the year. The erosion of the Shortt's Island to seaward continues. The structure of the old lighthouse is still standing nearly erect in the sea and is now 505 feet from the nearest high water line of the island.

8. The general health of the ports was, on the whole, good. One suspected case of plague was landed from the S. S. *Curlew* and proved fatal. Eighteen cases of cholera were landed from the steamers at Chaudballi, of which seventeen proved fatal.

By order of the Lieutenant-Governor of Bengal,

W. A. INGLIS,

*Secretary.*

RESOLUTION REGARDING THE INTERNATIONAL MARITIME EXHIBITION TO BE HELD AT BORDEAUX, FRANCE, IN MAY 1907.

No. 6851—6871-14.

GOVERNMENT OF INDIA.

DEPARTMENT OF COMMERCE AND INDUSTRY.

COMMERCIAL EXHIBITIONS.

*Simla, the 31st August 1906.*

RESOLUTION.

THE following papers relative to the International Maritime Exhibition which will be held at Bordeaux in France in May 1907 are published for general information. The Exhibition, although principally maritime, will comprise all branches of industry and commerce:

CITY OF BORDEAUX.

INTERNATIONAL MARITIME EXPOSITION.

(MAY-NOVEMBER 1907.)

*Organized by the League Maritime Française, under the official patronage of the French Government, the General Council of the Gironde, the Municipality, the Chamber of Commerce and the Philomathic Society of Bordeaux in Celebration of a Century of Steam Navigation.*

GENERAL REGULATIONS.

GENERAL ARRANGEMENTS.

*Article 1.*—An International Maritime Exposition in Celebration of a Century of Steam Navigation will be opened in Bordeaux on May 1st, 1907, under the auspices of the League Maritime Française, recognized as an establishment of public utility by decree of December 17th, 1905.

*Article 2.*—The Exposition will be held on the great square of the Quinconces. Its duration will be about six months. Its opening and closing may be advanced or delayed without liability for indemnity.

*Article 3.*—The Exposition will be held under the official patronage and aid of the French Government, and the Department of the Gironde, the Municipality, the Chamber of Commerce and the Philomathic Society of Bordeaux.

*Article 4.*—The Exposition is open to all countries. It will receive all industrial, agricultural or artistic products pertaining to maritime affairs. A Colonial section will be devoted to colonial products which are intimately related to the commerce of Bordeaux. Pavilions will be devoted to ocean geography, nautical automobilism and aerial navigation.

*Article 5.*—During the Exposition, the Commissioner General intends to organize congresses, competitions and lectures on interesting subjects concerning maritime affairs, science, art, industry, commerce and social economy.

He will endeavour to organize also festivals of all kinds with the view of adding to the brilliancy of the Exposition. These congresses, competitions and festivals will be under special regulations.

*Article 6.*—The Commissioner General and Deputy Commissioner General have received the following powers.

*Article 7.*—The Commissioner General has the direction of the Exposition. All initiative will devolve on him, and no decision will be valid without his assent. He will have special charge of relations with the appropriate ministerial departments and the Commissioners of Foreign Governments. He will have sole direction of all departments for which he will name chiefs and agents. He will direct the book-keeping. He will establish forms for receipts and will order all expenditures. All accounts must be submitted for his approval.

He will decide definitely upon the requests of exhibitors and will deliver certificates of admission.

He is vested with power to nominate juries and all committees for that portion reserved for the administration.

The general police of the Exposition will be under his supervision.

*Article 8.*—The Deputy Commissioner General will assist the Commissioner General and will act in his place during his absence.

*Article 9.*—Special committees of groups and of festivals will be organized later.

*Article 10.*—Each foreign country participating in the Exposition should accredit to the Commissioner General a special Commissioner to represent its exhibitors.

*Article 11.*—The Exposition will be constituted into a bonded warehouse, consequently, the products exhibited will be exempt from verification, custom house and octroi taxes.

#### CONDITIONS OF ADMISSION.

*Article 12.*—Exhibitors shall pay rent for the space they occupy according to the following tariff :

*1st.*—A fixed duty of 20 francs per exhibitor upon application for space.

*2nd.*—A tax proportionate to the space to be occupied is to be established according to a general tariff applied to industrial exhibitors as follows :—

Each superficial meter in principal place	...	...	60 francs.
" " " on the interior wall	...	...	40 "
" " " in the annexés	...	...	40 "
" " " on the interior walls of same	...	...	30 "
" meter in open air with option of construction	...	...	20 "
" " " without option of construction	...	...	10 "

Plans for constructions to be erected must be submitted for the approval of the Commissioner General.

For choice sites, show-cases and corner locations, a higher tariff will be fixed for each particular place.

*Article 13.*—Restaurants, shows and all specially authorized establishments shall pay rents to be fixed by tariff.

In each special case a contract will determine the details regarding the construction and management.

*Article 14.*—Rent may be required from the exhibitors, concessionaires and others for poster advertisements, prospectuses, etc., in the interior of the Exposition. Authorization for said advertisements shall be given by the Commissioner General.



*Article 15.*—The charges due to the Exposition are payable against a receipt signed by the Commissioner General, in two payments to the Bank of Bordeaux; one-half within the fifteen days following the delivery of the certificate of admission, the other half on the 15th April 1907. When the total charges shall not exceed 100 francs, payment thereof shall be made within the fifteen days following the delivery of the certificate of admission.

*Article 16.*—Exhibitors who fail to pay the second instalment cannot recover their previous payment, which shall remain the property of the administration without legal formality. By the very fact of non-payment, the exhibitor's privilege to exhibit will be forfeited, the administration reserving the right to dispose of the space on or after April 15th.

*Article 17.*—Requests for admission must be addressed to the Commissioner General at Bordeaux, prior to February 12th, 1907, or dissatisfaction may result and requests may be refused.

*Article 18.*—Forms of application for admission are to be prepared by the Commissioner General and will be at the disposal of exhibitors in Paris, Bordeaux, county-towns of the Departments and of foreign committees.

*Article 19.*—The questions appearing on the application for admission must be answered correctly by the exhibitors.

*Article 20.*—Dangerous material such as fulminates and explosives will be excluded.

Spirits and alcohol, oils, essences, corrosive materials and, generally, substances which may injure other products or cause annoyance to the public, will only be received in strong and appropriate receptacles of small dimensions. Exhibitors of such products must abide by regulations to be promulgated in the interest of public health and security. Combustible material, shelves, curtains, etc., must be made fire-proof unless specially exempted.

*Article 21.*—The Commissioner General shall have the right to exclude all harmful products or such as may not appear to be consistent with the purposes of the Exposition.

*Article 22.*—No object can be taken away before the close of the Exposition without special authority from the Commissioner General. This prohibition does not apply to products that the exhibitors may be authorized to manufacture and offer for sale in public.

*Article 23.*—No object of art, no product exhibited in the places, parks or gardens will be permitted to be drawn, copied or produced in any form whatsoever without the consent of the exhibitor approved by the Commissioner General. The Commissioner General, however, may authorize the reproduction of a general view.

*Article 24.*—The Administration of the Exposition will only provide general buildings and constructions. Insurance is obligatory on all products exhibited from the time they are entered at the Exposition until they are removed. Said insurance must contain a formal waiver by the insured and the insurer of any claim against the Administration of the Exposition. In default of the taking out of policies of insurance by the exhibitors, the same will be contracted for by the Administration of the Exposition at the exhibitor's cost, risk and peril.

*Article 25.*—The Administration of the Exposition will take all necessary measures for the protection of objects against damage and their general supervision, but will not be responsible for theft or damage.

*Article 26.*—Exhibitors must pay for all packing, freight, unpacking, care of cases, installation, repacking and reshipping charges.

*Article 27.*—Exhibitors who may require water, gas, electricity or motor power must state this fact on their application for admission, giving all necessary details as to the speed required for each of their apparatus. The price of power will be fixed at the lowest possible rate.

*Article 28.*—After the close of the Exposition, the exhibitors must remove the products exhibited within one month (maximum), in default of which said products will be stored in a warehouse at the expense and risk of the exhibitor, without responsibility on the part of the Commissioner General.

#### JURIES AWARDS.

*Article 29.*—The Examining Jury will be composed of authorized representatives of science, art and industry, either in France or abroad.

Said Jury shall be appointed, one-half by the exhibitors, the other by the administration of the Exposition.

*Article 30.*—The Jury shall demand all guarantees that may seem proper for the performance of their duty. They will have the right to exclude from competition any exhibitor who may attempt to deceive them.

*Article 31.*—A superior Jury will be appointed to judge all claims that may be presented.

*Article 32.*—The award shall consist of diplomas of honour, gold, silver and bronze medals and honourable mentions.

*N.B.*—The details as to the functions and duties of the Juries will be the subject of a special regulation.

#### GENERAL CLASSIFICATION.

##### GROUP I.

##### MARINE HISTORY AND FINE ARTS.

*Class 1.*—History of Navigation by sail and by steam.

Retrospective exhibition of the various means of navigation, by originals, models, reproductions or prints.

*Class 2.*—Fine arts, ancient and modern, painting, sculpture, water colour, print, lithography, architecture and decorative art.

##### GROUP II.

##### INSTRUCTION.

*Class 3.*—Programmes, material for instruction, organization and statistics. Schools for young sailors and novices. Naval Schools: schools for application, schools for maritime engineers. Hydrographic schools: pyrotechnia schools, schools of mechanics, schools of medicine and pharmaceuticals. Commercial schools. Maritime Institutes.

*Class 4.*—Maritime associations for diffusion of knowledge and of study. International Marine Associations. Society for Maritime and Colonial Studies. Societies of learned men. Geographical Societies. Societies of Commercial Geography. Societies of professional and technical instruction in maritime fishing. Works and publications. Reviews. Maritime journals.

*Class 5.*—Ocean Geography. Instruction and material. Maritime Laboratories and special ships. Ichthyological collections. Submarine Flora and Fauna.

##### GROUP III.

##### CHARTS AND INSTRUMENTS.

*Class 6.*—Charts and geographical and cosmographical apparatus. Geographical hydrographical charts and maps. Celestial and terrestrial globes and spheres. Tables and ephemerides for the use of astronomers and mariners.

*Class 7.*—Optical instruments, geometrical compasses, barometers, thermometers, field glasses, sextants, etc. Astronomical and meteorological instruments. Sounding apparatus and log-lines, etc.

*Class 8.*—Precise horological marine instruments.

#### GROUP IV.

##### NAVIGATION AND COMMERCE.

*Class 9.*—Designs and models of ships used for the maritime transportation of goods or passengers, steam packets, steamers, cargoes, etc.

*Class 10.*—Designs and models of ships used for coasting and navigation of rivers and lakes.

*Class 11.*—Designs and models of fishing craft.

*Class 12.*—Designs and models of yachts and pleasure boats.

*Class 13.*—Designs and models of sailing ships.

*Class 14.*—Canoes and boats for sails and oars. Disjointable and collapsible boats, for the navy and commercial marine.

#### GROUP V.

##### NAVY.

*Class 15.*—Designs and models of ships.

*Class 16.*—Armour and protection. Trials of armour.

*Class 17.*—Guns and torpedoes. Portable arms.

*Class 18.*—Submarine navigation.

#### GROUP VI.

##### MATERIALS FOR CONSTRUCTION.

*Class 19.*—Raw materials and materials of iron and steel specially adapted to the construction and the armament of ships, sheet iron, profiled iron, etc.

*Class 20.*—Brass, bronze, various alloys, etc.

*Class 21.*—Wood for building, masts, etc.

*Class 22.*—Cordage, cables, ropes, etc. Canvas awnings, tarpaulins, etc.

*Class 23.*—Flax, rubber, gutta-percha.

*Class 24.*—Submarine paints for bottoms of ships of iron, steel or wood, oils, varnishes, and essences, colours, tars, coal tar and various substances, etc.

*Class 25.*—Construction plants, machines and tools.

*Class 26.*—Small accessories for the hull: light ports, scuppers and marine hardware.

#### GROUP VII.

##### MOTOR MACHINES AND PROPELLERS.

*Class 27.*—Motor apparatus for war and commercial ships. Steam engines, with alternate movements for screws. Machines for paddle-wheels. Condensing apparatus. Auxiliary apparatus for principal motors, lubricating, rotation meters, etc. Propellers. Screws. Paddle-wheels.

*Class 28.*—Naval boilers. Auxiliary apparatus for boilers, feed pumps, filters. Elevators for ashes and ejectors.

*Class 29.*—Machines with interior combustion. Petroleum, essence alcohol and gas motors.

*Class 30.*—Steam turbine motors. Interior combustion turbines. Hydraulic turbines, etc.

*Class 31.*—Solid and liquid combustible matter.

#### GROUP VIII.

##### FITTINGS AND APPARATUS.

*Class 32.*—Special apparatus for the production and use of electricity, dynamos, etc.; electric signals, projectors. Wireless telegraphy. Telephones, Mycrophones. Electric bells, storage batteries, etc.

*Class 33.*—Apparatus for the manœuvring of anchors, rudders, life-boats, sailing gear, signals, etc. Order transmitters. Cranes and winches. Tem-perley apparatus, etc.

*Class 34.*—Anchors and cables, chains and steel hausers.

*Class 35.*—Steam and hand pumps for water and fire.

*Class 36.*—Armament of fishing boats, nets, baskets, harpoons, fishing lines, lobster traps, etc.

*Class 37.*—Refrigerating apparatus and congealing apparatus of divers systems.

*Class 38.*—Apparatus for the preservation of grain.

*Class 39.*—Lighting apparatus. Fixed lights and signals.

*Class 40.*—Heating apparatus.

*Class 41.*—Aerating and ventilating apparatus.

#### GROUP IX.

##### AUTOMOBILE NAVIGATION AND BOATS OF ALL TYPES.

*Class 42.*—Automobile boats for racing, service and pleasure.

*Class 43.*—Pleasure steamboats and others.

*Class 44.*—Electrical motor boats.

*Class 45.*—Sail and row boats. Life-boats.

#### GROUP X.

##### AERONAUTICS.

*Class 46.*—Models and documents relative to the history of acrostation and flying.

*Class 47.*—Captive and free balloons. Military aerostation. Ascension winches. Transport carriages. Inflating apparatus.

*Class 48.*—Dirigible balloons, motors and propellers. Kites.

*Class 49.*—Flying apparatus, motors and propellers.

*Class 50.*—Homing pigeons.

*Class 51.*—Materials for the construction of balloons and flying apparatus. Tissues, varnishes, baskets, valves, nets, special cordage, stoppage apparatus, etc. Manufacture of hydrogene and light gas.

GROUP XI.

PORT AND HARBOUR WORKS.

*Class 52.*—Construction of harbours, piers, docks, graving docks, dry docks, locks, etc. Works for protection against river and sea water. Navigable river works.

*Class 53.*—Movable bridges. Dock gear for the loading and unloading of vessels. Mechanical towage and hauling.

*Class 54.*—Light-houses, revolving lights, fixed lights, various buoys, luminous buoys and whistling buoys.

GROUP XII.

SEA AND RIVER FISHING.

*Class 55.*—Products of sea fishing. Pearls, shells, mother of pearl, coral, sponges, tortoise-shell, whale-bone, amber, fish oils, fats and glues.

*Class 56.*—Preservation of fish. Packed salt fish, dried, smoked, in oil, etc.

*Class 57.*—Transportation of fresh fish. Reservoir and cold storage cars.

*Class 58.*—Apparatus pertaining to the preparation and preservation of fishing products; refrigerators, fish-tanks, tin boxes and their manufacture, barrels, etc.

*Class 59.*—Raw materials for preserving: salt, oil, etc.

*Class 60.*—Pisciculture and fresh water fishing. Oyster beds.

*Class 61.*—Maritime hunting. Collections of amphibious birds and animals.

GROUP XIII.

HYGIENE, SALVAGE AND SPORTS.

*Class 62.*—Sanitary apparatus and processes. Processes of disinfection on board vessels. Sanitary service in ports. Quarantine stations.

*Class 63.*—Saving of the ship-wrecked. Life-boats, apparatus for carrying moorings, rafts, buoys and life-belts and jackets, etc.

*Class 64.*—Material for the salvage of vessels. Salvage or destruction of wrecks.

*Class 65.*—Diving suits, diving bells, etc.

*Class 66.*—Medicines, surgery, pharmaceuticals. Medicinal products derived from fish and sea-weed.

*Class 67.*—Hygiene by sports. Gymnastics, natation etc.

*Class 68.*—Yachting, nautical tours. Watering stations.

GROUP XIV.

SHIP'S PROVISIONS. FOOD.

*Class 69.*—Sea and table biscuits. Bread making, pastry, confectionery, etc.

*Class 70.*—Preserved foods other than fish. Dried vegetables, salt meats, etc.

*Class 71.*—Wines, brandies, liquors, beer, etc.

*Class 72.*—Apparatus for the preparation and preservation of wholesome waters. Mineral and gaseous waters.

#### GROUP XV.

##### VARIOUS INDUSTRIES.

*Class 73.*—Modern decorative art. Interior decoration of passenger steamers and yachts. Veneering and wall painting. Art bronzes. Silver and gold-smith's art, jewelry, etc.

*Class 74.*—Tissues, linen, laces, tapestries, etc.

*Class 75.*—Mariners' and passengers' clothing, sporting attire. Shoes. Hat making. Dress and equipment of crews.

*Class 76.*—Perfumery, toilet waters, tooth washes, soaps, etc.

*Class 77.*—Bedding material; beds, bedding, special furniture for passenger steamers and yachts, etc.

*Class 78.*—Travelling articles, leather manufactures, toys and small hardware.

*Class 79.*—Porcelain crystal, glassware, cutlery.

*Class 80.*—Photographic apparatus and accessories.

*Class 81.*—Musical instruments.

*Class 82.*—Games on board of passenger steamers and yachts. Models of ships. Nautical and scientific toys.

*Class 83.*—Printing and books. Advertisements of navigation companies. Publications and marine libraries, illustrated posters, postal cards. Printing materials, compositors and type-writers.

#### GROUP XVI.

##### COMMERCIAL RELATIONS OF BORDEAUX WITH THE COLONIES.

*Class 84.*—Products of Exportation.

*Class 85.*—Products of Importation.

*Class 86.*—Colonization societies. Exploration missions.

#### GROUP XVII.

##### SOCIAL ECONOMY. WORKS OF MUTUALITY AND CHARITY.

*Class 87.*—Maritime and custom house statistics. Chambers of Commerce. Free ports.

*Class 88.*—Insurance companies; Marine registry of ships. Mutual maritime insurance societies.

*Class 89.*—Subsidized services. Maritime postal service. Maritime service subsidized by the Colonies.

*Class 90.*—National and international maritime law. Legislation.

*Class 91.*—Provisions made for sailors disabled at sea. Co-operative societies.

*Class 92.*—Societies for works of the sea. Central salvage societies for the wrecked. Societies for the relief of the families of those shipwrecked.



Mariner's orphan asylums. Seamen's homes. Societies, works and institutions subsidized. Invalids from the Navy hospitals.

Bordeaux, April 25th, 1906.

THE COMMISSIONER GENERAL:

E. BERTIN, (C.).

Member of the Institute.

DEPUTY COMMISSIONER GENERAL:

V. MORLOT.

APPLICATION FOR ADMISSION.

GROUP No. \_\_\_\_\_

DATE SENT. \_\_\_\_\_

CLASS No. \_\_\_\_\_

I, the undersigned \_\_\_\_\_  
residing at \_\_\_\_\_  
make application to exhibit the products hereunder described: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
for which I desire a space of \_\_\_\_\_ meters long by  
\_\_\_\_\_ meters deep, or a space on the interior wall  
of \_\_\_\_\_

The amount of Exposition dues is fixed at the sum of (to be written in full) \_\_\_\_\_  
which I shall pay: half in the fifteen days following the delivery of the certificate of admission, the other half on April 15th, 1907.

I submit to the decisions of the Committees and Juries. I have taken knowledge of the general rules to which I adhere without reserve.

\_\_\_\_\_ the \_\_\_\_\_ 190 .

Signature:

**Tariff and Exposition dues.**—Exhibitors shall pay rent for the space they occupy according to the following tariff: 1st.—A tax of 20 francs per exhibitor for application; 2nd.—A proportional tax per unity of surface, established according to a general tariff to be applied to industrial exhibitors, fixed as follows: The superficial meter (39½ inches, about) in the principal building 60 francs; on the interior wall 40 francs; in the annexed buildings 40 francs; on the interior wall 30 francs; in the open air with option of construction, 20 francs; without option of construction, 10 francs. For choice places, isolated glass-cases, corner places, a higher charge shall be fixed for each particular case.

**N.B.**—Address all applications for admission and all communications to the Commissioner General, 26 cours du XIX, Juillet, Bordeaux.

ORDERED that the foregoing papers be published in the Supplement to the *Gazette of India*, for general information, and that copies be forwarded to the Local Governments and Administrations named in the margin, for information, with the request that the papers may be published in the local Gazette.

The Secretary to the Government of	Madras.
"	Bombay.
"	Bengal.
"	the United Provinces.
"	the Punjab.
"	Burma.
"	Eastern Bengal and
"	Assam.
The Hon'ble the Chief Commissioner,	Central Provinces.
The Chief Commissioner of Coorg.	

Ordered, also, that a copy be forwarded to the Chief Commissioner of Ajmer-Merwara, and the Honourable the Agent to the Governor-General and Chief Commissioner, North-West Frontier Province, for information, and to the Foreign Department, for information and communication to Native States.

Ordered, also, that a copy be forwarded to all Chambers of Commerce, for information.

W. L. HARVEY,

*Secretary to the Government of India.*

## WEATHER AND CROP REPORT.

For the week ending the 17th September 1906.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
1	BURDWAN ...	Inches. ...	7½	7½	Rain badly wanted. Harvesting of Autumn rice, maize and jute going on. Sugarcane doing well. Cattle-disease reported from thanas Kalna and Mantaswar. Fodder and water sufficient.
2	BIRBHUM ...	2.26	7½	7½	Weather seasonable. Weeding going on. Standing crops doing well. No cattle-disease. Fodder and water sufficient.
3	BANKURA ...	3.28	9½	9	Weather seasonable. Condition of crops good. No cattle-disease. Fodder and water sufficient.
4	MIDNAPORE ...	3.58	7½	7½	Weather seasonable. Transplantation of paddy still going on. Prospect of rice good. Fodder and water sufficient.
5	HOOGHLY ...	2.21	6½	6½	Rainfall general. Weather seasonable. More rain wanted. Transplantation of paddy still continues. Prospect of sugarcane and <i>aus</i> fair. No cattle-disease. Fodder and water sufficient.
6	HOWRAH ...	2.85	6½	8	Transplantation of paddy seedlings is over. More rain wanted. No cattle-disease reported. Fodder and water sufficient. Common rice sells at 6 seers at Ulubaria.
7	24-PARGANAS	2.56	7	7	Rainfall general. Weather seasonable. Rainfall insufficient everywhere except in Diamond Harbour. Transplantation of <i>aman</i> still going on in places. Harvesting of <i>aus</i> and jute going on briskly. State of standing crops good. Prospects of paddy fair, and jute good. Slight damage to paddy by insects reported from Dum-Dum. Condition of cattle good. Fodder insufficient in places. Water sufficient. High prices prevail everywhere. Some distress everywhere. Gratuitous relief started in Sadar and Diamond Harbour subdivisions. Relief is being given through Presidents of Panchayats.
8	NADIA ...	1.29	7½	6½	Rainfall general. Prospects of standing crops and jute good. Harvesting of <i>aus</i> and jute going on. Transplantation of <i>aman</i> finished. Fodder insufficient in places. No cattle-disease.
9	MURSHIDABAD	1.54	7	7	Rainfall general. Weather seasonable. Prospects of crop at Sadar not favourable. Condition of jute good. No cattle-disease. Fodder and water sufficient.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in annas, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
10	JESSORE ...	3.00	6½	6	Weather seasonable. Rainfall general. Much damage caused by floods in Narail, Jhenida and Magura subdivisions. Flood subsiding rapidly. Harvesting of <i>aus</i> and jute continues. Prospect of <i>aman</i> good, but more rain wanted. Fodder and water sufficient. High prices. Slight distress.
11	KHULNA ...	0.69	7	7	Rainfall general. Weather seasonable. Transplantation of winter rice estimated at 65 per cent. As regards jute, rainfall and weather seasonable; condition fair. Water sufficient. Fodder scarcity is reported from Mollahat thana. No cattle-disease.
12	PATNA ...	0.25	{ 9 14° }	8½	Weather hot and occasionally cloudy. Harvesting of <i>bhadoi</i> crops continues. Sugarcane prospering. Prospects of paddy so far good, but more rain wanted, especially in the Dinapore subdivision. Cattle-disease reported from Islampore thana. Fodder and water for cattle plentiful.
13	GAYA ...	1.10	{ 9 14° }	8½ 14° }	Weather showery. Harvesting of <i>marua</i> and <i>makai</i> almost finished. Sugarcane promises well. Extremely beneficial rainfall during the week in subdivisions, especially in Aurangabad and Nawada, where rain was badly wanted. Cow-pox reported from a few villages in Sadar subdivision. Prices falling at Sadar station, stationary elsewhere.
14	SHAHABAD ...	1.04	{ .9½ 14½° }	9½ 16° }	Rainfall general. Harvesting of <i>bhadoi</i> continues. Rain of the week has benefited the paddy crop. More rain wanted. No cattle-disease. Fodder and water sufficient.
15	SARAN ...	0.66	{ 9½ 15° }	8½ 12° }	Weather seasonable. Transplantation of winter rice finished. <i>Makai</i> being harvested. <i>Marua</i> harvesting going on. Indigo and sugarcane doing well. Agriculturists' loans being freely distributed. Steps being taken to open test relief works. More rain wanted for <i>aghani</i> paddy. No cattle-disease. Fodder and water sufficient.
16	CHAMPARAN ...	1.24	9	9	Rainfall general. Re-transplantation of winter rice almost finished. More rain wanted. <i>Bhadoi</i> being harvested. Sugarcane doing well. Prices almost stationary. No cattle-disease. Fodder and water sufficient. Maize not available in the market.
17	MUZAFFARPUR ...	...	...	...	Report not received.

\* The figures indicate price of maize in annas per rupee.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
18	DARBHANGA ...	0.75 {	7½ 11*	7½ 8½*	Weather bright and hot with occasional clouds and rainfall. Floods have subsided considerably. Fodder sufficient except in Roserha thana. Re-transplantation of <i>aghani</i> rice, wherever practicable, is almost over. Lands are being prepared for <i>rabi</i> . No cattle-disease. Figures of persons relieved gratuitously during week, counting each person separately each time relieved:—Sadar thana 52,481; Bahera thana 51,686; Roserha thana not received; Madhubani subdivision 14,813; Samastipur subdivision 56,132. Test-works have been recently opened at about twenty places. Cholera only in Madhubani subdivision.
19	MONGHYR ...	2.09 {	7 14½*	7 13½*	Weather hot and dry. Prospects of winter rice good. Recent rain has done much good to the standing crops. More rain wanted in Jamui subdivision. No cattle-disease. Fodder and water sufficient.
20	BHAGALPUR ...	2.22 {	7½ 13½*	7½ 13½*	Weather seasonable. Standing crop doing well except in the flooded area, where much damage has been done. More rain wanted for winter crops on high lands. Harvesting of <i>makai</i> , <i>marua</i> and <i>bhadoi</i> paddy going on. Cattle-disease reported from a few villages. Fodder and water sufficient.
21	PURNA ...	1.72 {	6½ 12*	6½ 12*	Harvesting of <i>bhadoi</i> and cutting of jute continues. Prospects of <i>bhadoi</i> , <i>aghani</i> and jute fair except in areas under flood. Cattle-disease reported from Islampur and Kishanganj thanas. Fodder in sufficient in area under flood. High prices of food-grains prevail in places affected by flood.
22	DARJEELING ...	3.04 {	6 11*	6 11*	Weather seasonable. Hills—Maize and potatoes being harvested. Winter rice, <i>bhadoi</i> paddy and <i>marua</i> in fair state. Terai—Prospects of jute and <i>bhadoi</i> rice not quite fair. Winter rice promising.
23	SONTHAL PAR- GANAS.	1.39 {	7 40*	8 20*	Fall general, but more rain needed at Godda. Weather hot. Standing crops doing well. Outturn of maize exceptionally good. No cattle-disease. Fodder and water sufficient.
24	CUTTACK ...	1.20	10½	10½	Fall general. <i>Biali</i> , <i>mandua</i> and jute being harvested. <i>Saradh</i> and sugarcane growing. Fodder and water sufficient. No cattle-disease. New <i>biali</i> coming into market.
25	BALASORE ...	4.43	10	9	Fall general. Weather hot and cloudy. Transplanting and weeding of <i>saradh</i> and harvesting of <i>ashu</i> and jute continue. Prospects fair. Sugarcane and vegetables doing well. No cattle-disease. Fodder and water available.
26	ANGUL ...	4.30	9	10	Weather seasonable. <i>Bhadoi</i> paddy and <i>mandua</i> being harvested. Winter rice, cotton, sugarcane and other miscellaneous crops doing well.

\* The figures indicate price of maize in seers per rupee.

No.	Name of district.	Rainfall at Sadar station.	Price of common rice, in seers, per rupee.		Character of the weather and state and prospects of the crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
27	PURI ...	1.51	8½	9½	Fall general. Weather seasonable. Sugarcane coming up well. Cotton thriving. <i>Biali</i> and <i>mandua</i> being harvested in some places and reaped at others. Weeding of <i>saradh</i> estimated at 85 per cent. of usual area. Miscellaneous crops doing well. No cattle-disease. Fodder and water sufficient.
28	SAMBALPUR ...	2.57	10	11½	Rain has been general in Sambalpur tahsil. More rain is wanted in Bargarh tahsil. Weeding of autumn rice in progress. Land is being ploughed for sowing <i>mung</i> . Autumn rice plants have not attained full growth in Sambalpur tahsil for want of sufficient rain in proper time. The standing crops are in good condition in Bargarh tahsil. Cattle-disease prevalent in 25 villages. Fodder and water-supply sufficient.
29	HAZARIBAGH ...	...	9	9	Prospect of standing crops good. Fodder and water sufficient. Cattle-disease reported from four thanas. Recent rain improved the condition of rice crop. Common rice sells at 8 seers a rupee at Giridih.
30	RANCHI ...	2.57	10	9	Full general. Weather cloudy. Prospects good. Sowing of <i>sirguja</i> and <i>kurthi</i> continues. Harvesting of <i>gora</i> in progress. Cattle-disease reported from two thanas. Fodder and water sufficient.
31	PALAMAU ...	1.75	8½	8½	Weather seasonable. Prospect of winter rice good except many places of Husainabad thana, where transplantation not completed for want of sufficient rain. Fodder and water sufficient. Some cattle-disease.
32	MANBHUM ...	1.99	11	11	Weather seasonable. Prospects of crops good. Out-turn of winter rice and <i>marua</i> estimated at 95 per cent. Tobacco being sown. Fodder and water sufficient. Cattle-disease is reported from thana Gourandi.
33	SINGHBHUM ...	2.36	8	8	Harvesting of <i>aus</i> paddy commenced in almost all parts of the district. Cattle-disease reported from Baharagola outpost. Fodder and water sufficient. Common rice sells at 10 seers at Kharsawan, 11 seers at Seraikella.
34	COOCH BEHAR	3.01	5½	5½	Weather hot with occasional showers. Transplantation of winter rice, cutting, steeping and washing of jute continue. Fodder and water sufficient. Cattle-disease reported from thanas Mathabhanga, Dinhat and Tufanganj.

GENERAL SUMMARY.—Light rain was fairly general, while the fall was moderately heavy in parts of the Burdwan and Orissa Divisions and also in Jessore, Darjeeling and Cooch Behar. More rain is wanted in many districts. Damage by flood is reported from Jessore and some damage to paddy by insects from the 24-Parganas. The prospect of the *aman* paddy is on the whole fair except in parts of the Bihar districts recently visited by floods. Much distress continues in Darbhanga, where thousands of persons are receiving gratuitous relief. Slight distress is also reported from Jessore, Saran and the 24-Parganas. Fodder is insufficient in parts of Khulna, Darbhanga and Purnea. Water-supply is sufficient. The price of common rice has risen in six and fallen in nine districts.

C. A. OLDHAM,  
Director of Agriculture, Bengal.



## METEOROLOGICAL REPORT OF THE PROVINCES OF BENGAL AND OF EASTERN BENGAL AND ASSAM FOR THE MONTH OF AUGUST 1906.

Division.	District.	Representative Stations.	AIR PRESSURE.				Departure from normal.	WIND.		TEMPERATURE.						HUMIDITY.		CLOUD.		Rainfall.
			Highest, 8 A.M., barometer reading.	Lowest, 8 A.M., barometer reading.	Mean, 8 A.M., reduced to 32°.	Mean reduced to sea-level and constant gravity, Lat. 45°.		Mean direction at 8 A.M.	Mean velocity in miles daily.	Highest of month.	Lowest of month.	Mean daily maximum temperature.	Mean daily minimum temperature.	Mean daily temperature.	Departure from normal.	Mean, A.M.	Departure from normal.	Mean cloud amount, 8 A.M.	Departure from normal, 8 A.M.	
Burdwan	Burdwan	Burdwan	29.722	29.489	29.612	29.689	+0.05	S17°W	85	91.9	76.5	89.3	76.3	83.6	-0.4	88	+3	9.0	+0.4	17.48
	Raniganj	Raniganj	29.490	29.230	29.373	29.680	+0.07	S27°E	30	95.5	74.9	89.1	77.5	83.8	+0.4	91	-	7.3	-	14.25
	Bankura	Bankura	29.501	29.186	29.343	29.646	+0.09	N75°E	80	98.6	76.7	89.9	78.2	84.1	+0.9	84	-	4.7	-	13.00
	Midnapore	Midnapore	29.677	29.388	29.533	29.645	+0.05	S17°E	74	91.8	76.7	89.3	79.1	84.3	+1.0	87	-	8.1	-	7.00
Presidency.	24 Parganas	Sugar Island	29.537	29.430	29.480	29.609	+0.00	S6°W	438	91.9	78.1	89.1	80.9	85.0	+1.5	88	-3	8.0	-0.3	5.97
	Calcutta	Calcutta	29.811	29.491	29.653	29.680	+0.05	S10°W	124	90.9	75.9	89.3	78.7	83.5	+0.8	88	0	8.6	-0.2	8.14
	Nadia	Krishnagar	29.773	29.469	29.623	29.658	+0.02	S15°E	87	92.8	75.5	89.4	78.6	84.0	+0.5	92	-	6.7	-	7.36
	Murshidabad	Berhampore	29.759	29.508	29.644	29.661	+0.08	S17°E	133	91.3	75.7	89.3	78.3	83.7	+0.1	88	+1	8.5	-0.7	18.01
Jessore	Jessore	Jessore	29.739	29.545	29.643	29.673	+0.07	S80°E	90	91.0	75.7	89.1	78.1	83.1	-0.6	90	0	8.6	-0.6	15.62
	Rajshahi	Rampur Boalia	29.749	29.510	29.644	29.683	+0.01	S5°W	87	90.1	75.1	87.8	78.0	83.4	+0.5	88	-	7.8	-	16.10
	Dinajpur	Dinajpur	29.667	29.493	29.580	29.622	+0.05	S23°E	73	92.3	75.0	87.7	77.7	82.7	-1.0	91	-	8.0	-	14.97
	Jalpaiguri	Jalpaiguri	29.536	29.364	29.450	29.673	+0.01	S27°E	19	92.4	71.1	86.3	76.7	81.5	-1.0	88	-	8.2	-	51.91
Cooch Behar	Cooch Behar	Cooch Behar	29.680	29.503	29.597	29.779	-	S60°E	36	95.4	75.6	86.4	77.3	81.8	-	80	-	8.3	-	51.74
	Rangpur	Rangpur	29.703	29.436	29.645	29.683	+0.09	S3°W	40	92.6	74.8	87.2	78.6	83.9	-0.4	88	-	8.1	-	13.76
	Bogra	Bogra	29.741	29.586	29.664	29.657	+0.08	S55°E	28	91.3	76.5	88.0	78.3	83.1	-0.3	88	-	7.6	-	18.51
	Pabna	Sirajganj	?	?	?	?	?	S6°E	77	95.8	75.7	85.9	77.6	81.5	-1.0	91	-	8.3	-	21.57
Dacca	Dacca	Narayanganj	29.638	29.618	29.733	29.706	+0.03	S3°W	136	90.9	75.3	88.8	78.1	83.5	-0.3	88	-3	8.6	+0.4	14.40
	Mymensingh	Mymensingh	29.779	29.547	29.663	29.680	+0.04	S65°E	61	90.7	75.1	86.3	77.5	81.9	-0.7	91	-	8.8	-	33.00
	Faridpur	Faridpur	29.793	29.580	29.686	29.691	+0.04	S10°E	107	90.3	76.4	86.5	78.3	83.4	-0.3	90	-	7.7	-	14.90
	Backergunge	Bariisal	29.633	29.612	29.741	29.690	+0.00	S3°E	73	90.8	74.1	86.4	77.8	83.1	-0.4	88	-	8.7	-	19.27
Chittagong.	Tippera	Cumilla	29.611	29.603	29.780	29.764	+0.00	S23°E	117	92.3	73.8	85.4	76.6	81.5	-0.3	90	-	5.3	-	30.41
	Noakhali	Noakhali	29.611	29.613	29.713	29.712	+0.00	S13°E	140	92.3	74.4	85.9	76.9	80.9	-0.3	88	-	6.8	-	35.37
	Chittagong	Chittagong	29.709	29.691	29.695	29.720	+0.08	S36°E	183	90.1	73.9	85.1	75.8	80.5	-0.4	90	0	6.3	-1.0	38.32
	Patna	Bankipore	29.639	29.337	29.483	29.635	+0.02	S18°E	176	91.5	76.2	87.9	79.1	83.5	-0.8	87	+3	9.0	+0.3	8.46
Gaya	Gaya	Gaya	29.436	29.185	29.363	29.631	+0.04	S77°W	84	94.9	74.8	89.0	77.8	83.9	-0.3	85	+3	6.9	-1.7	14.95
	Dehri	Dehri	29.466	29.167	29.316	29.620	+0.07	S15°W	108	94.3	76.0	89.3	79.3	84.3	+1.0	82	-	4.8	-	6.64
	Shahabad	Huzar	29.672	29.368	29.487	29.622	+0.04	S6°E	141	91.5	76.1	87.3	77.8	83.6	-0.9	88	-	7.5	-	9.14
	Arrah	Arrah	29.653	29.337	29.493	29.635	+0.02	S63°E	80	91.9	76.2	88.8	78.8	83.5	-0.7	86	-	4.6	-	18.00
Baran	Chapra	Chapra	29.680	29.318	29.477	29.613	+0.00	S63°E	98	91.4	75.6	87.7	78.1	83.9	-1.1	86	-	6.3	-	11.98
	Motihari	Motihari	29.601	29.285	29.443	29.670	+0.04	N69°E	67	92.4	74.3	87.4	77.7	83.6	-1.1	91	-	6.9	-	32.47
	Muzaffarpur	Muzaffarpur	29.620	29.281	29.456	29.640	+0.07	S67°E	89	91.3	74.5	86.9	76.4	83.7	-	88	-	5.2	-	26.70
	Darbhanga	Darbhanga	29.680	29.340	29.517	29.644	+0.04	S70°E	70	90.6	75.3	86.7	78.4	83.6	-1.5	80	+3	7.4	+1.0	26.93
Bhagalpur.	Bhagalpur	Bhagalpur	29.689	29.371	29.540	29.652	+0.01	S63°E	71	92.3	77.3	86.1	78.9	84.0	+0.4	88	-	7.8	-	6.77
	Darjeeling	Darjeeling	29.083	28.825	28.978	28.993	+0.07	N40°E	86	90.2	83.6	86.0	87.4	81.7	+0.4	90	+3	9.1	+0.3	30.40
	Purnea	Purnea	29.095	29.412	29.580	29.681	+0.05	S81°E	68	91.3	74.7	87.3	78.1	83.7	-1.3	92	+4	7.7	+0.3	33.47
	Meida	Meida	29.719	29.461	29.613	29.637	+0.02	S1°E	?	91.1	77.1	88.1	79.3	83.7	-0.8	90	-	6.3	-	10.94
Sonthal Parganas.	Naya Dumka	Naya Dumka	29.337	29.045	29.513	29.600	+0.00	S48°E	83	91.5	75.6	86.7	76.9	82.9	+0.4	80	-	6.6	-	9.47
	Ramgarh	Ramgarh	29.366	29.033	29.199	29.554	+0.00	S89°W	120	91.0	74.1	86.4	77.6	82.0	+0.6	88	-	6.2	-	10.00
	Angul	Angul	29.404	29.067	29.235	29.579	-	S8°E	140	93.1	74.1	85.7	77.0	83.9	-	85	-	3.9	-	11.45
	Cuttack	Cuttack	29.798	29.346	29.630	29.683	+0.00	S46°W	57	94.4	76.2	89.7	79.1	84.9	+1.3	84	+3	6.6	-0.3	6.11
Balasore	False Point	False Point	29.680	29.416	29.711	29.674	+0.07	S47°W	819	90.1	75.4	87.3	78.7	83.0	+0.4	86	-2	5.6	+0.6	6.36
	Balasore	Balasore	29.799	29.380	29.589	29.651	+0.05	S33°W	80	92.4	76.3	89.1	79.0	84.1	+1.1	83	-	6.3	-	4.75
	Puri	Puri	29.855	29.430	29.710	29.673	+0.05	S47°W	824	91.6	74.6	88.1	80.1	84.1	-	85	-	6.4	-	9.04
	Ganjam	Gopalpur	29.808	29.386	29.643	29.674	+0.01	S55°W	239	90.3	76.0	87.1	79.3	83.3	+0.1	84	-	4.5	-	3.84
Chilka Neg. per.	Chilka	Chilka	29.673	29.403	29.733	29.688	-	S61°W	191	-	-	-	-	-	-	-	-	-	-	18.07
	Hasaribagh	Hasaribagh	27.631	27.583	27.607	29.600	+0.00	S63°W	100	87.7	71.3	84.3	78.4	78.9	+0.4	83	-3	8.4	-1.0	7.13
	Ranchi	Ranchi	27.721	27.593	27.593	29.047	+0.03	S51°W	100	88.2	71.4	84.1	73.9	78.6	+0.6	89	-	8.3	-	18.25
	Palaman	Daltonganj	29.076	29.774	28.943	29.038	-	S27°E	60	94.1	74.3	89.0	77.0	83.4	-	86	-	6.7	-	6.44
Orissa.	Manbhum	Purulia	29.097	29.004	29.051	29.646	-	S32°W	87	93.5	73.9	89.5	76.6	83.3	-	91	-	6.8	-	11.11
	Singbhum	Chakras	29.096	28.685	28.897	29.683	+0.07	S45°W	?	94.4	75.3	89.0	77.0	83.3	+0.7	87	-	5.7	-	9.83
	Dibrugarh	Dibrugarh	29.488	29.106	29.290	29.706	-	S48°E	3	91.9	80.5	84.0	74.4	79.2	-	86	-	9.1	-	21.08
	Sibsagar	Sibsagar	29.533	29.233	29.486	29.717	+0.04	S43°W	30	92.1	74.3	88.6	77.7	81.7	-1.0	92	0	9.3	+0.3	35.63
Assam.	Tezpur	Tezpur	29.570	29.300	29.481	29.698	-	Caln	60	92.6	75.4	87.8	77.3	83.4	-	88	-	8.2	-	15.29
	Kamrup	Gaubhati	29.639	29.361	29.543	29.699	-	N63°W	94	93.0	75.8	88.3	77.7	83.0	-	87	-	8.3	-	5.80
	Goalpara	Dhubri	29.699	29.421	29.597	29.668	+0.04	S46°E	113	90.3	74.6	84.6	77.6	81.1	-1.1	93	0	8.4	+1.0	27.66
	Cachar	Silchar	29.787	29.584	29.686	29.736	+0.00	Caln	5	93.5	67.3	87.3	76.9	81.6	-1.6	90	-1	7.9	-0.5	27.74
Khasia and Jaintia Hills.	Shillong	Shillong	29.123	28.919	29.050	29.691	-	S27°W	84	77.9	40.7	78.4	68.8	68.1	-	87	-	6.0	-	19.40
	Cherrapunji	Cherrapunji	29.674	29.469	29.594	29.653	-	S15°W	110	77.7	60.3	71.5	64.5	68.3	-	87	-	9.6	-	124.8

(a) Mean of 27 days.

(b) Mean of 30 days.



# SUMMARY OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN BENGAL, AND IN EASTERN BENGAL AND ASSAM, FOR THE MONTH OF AUGUST 1906.

THE end of July had been marked by the formation of two small storms near the head of the Bay, and the last, after crossing the coast near Barisal, moved into the North-West Provinces and diffused, leaving a trough of low pressure along the base of the Himalayas. As is usually the case, this pressure distribution gave rise to heavy rain in North Bengal and North Bihar, which continued without much interruption till the middle of the month. Pressure during the same period was abnormally high in the Bay in the neighbourhood of Orissa, where the excess amounted at times to as much as one-quarter of an inch.

On the 15th of the month observations suggested that an area of low pressure was forming to the south of the Bay, and barometric readings of the 16th confirmed the existence of a meteorological feature, which is most unusual, if not unique, at this period of the year. During the course of the next week it moved very slowly in a northerly direction, and its progress northwards was definitely marked by increasing cloud and rainfall along the Coromandel and Circars coasts.

On the 23rd of the month the depression appeared to be intensifying and still moving in a direction, almost due north, not far from the coast. On the 24th it appeared probable that a small storm had formed, and observations received at 2 p.m. and 8 p.m. on the 25th shewed clearly that the centre of the depression had passed inland to the south of False Point. It continued its northerly course for the next two days inland and close to the coast, intensifying and giving rise to a rough sea and winds of considerable violence at the head of the Bay. It then moved in the usual northerly direction through Chota Nagpur and the Central Provinces. It was a disturbance presenting very abnormal features both in its slow development, which may perhaps be said to have been initiated at the extreme south of the Bay, and in its increase in intensity after the centre had passed inland. The remainder of the month was characterized by no meteorological features of special interest.

*Temperature.*—As might be expected, temperature conditions were closely associated with rainfall, and in consequence the period of heavy rain in north Bengal, Bihar and Assam was characterized by temperatures markedly below normal. In Orissa, Chota Nagpur and South-West Bengal alone the average mean of the month was above the normal mean. 94°·9 was the highest temperature recorded during the month; this was reported from Gaya.

The following table gives the summary of the temperature of each of the seven Meteorological Divisions of the Provinces of Bengal and of Eastern Bengal and Assam for the month of August 1906:—

METEOROLOGICAL DIVISION.	TEMPERATURE.					
	Highest observed during month.	Lowest observed during month.	Average for month.			Average mean of month above or below normal mean of month.
			Of highest of each day.	Of lowest of each day.	Of mean for each day.	
South-West Bengal ... ..	88·6	74·9	89·2	78·6	83·9	+ 0·5
North Bengal ... ..	82·6	71·1	87·0	77·8	82·5	— 0·5
East Bengal ... ..	82·3	73·8	86·1	77·8	81·7	— 0·4
Bihar ... ..	94·9	74·8	88·0	78·8	88·2	— 0·5
Orissa ... ..	94·4	74·1	88·6	78·7	88·6	+ 0·7
Chota Nagpur* ... ..	94·4	71·8	87·1	75·1	81·1	+ 0·6
Assam ... ..	98·5	67·8	86·2	76·7	81·5	— 1·5

\* Purulia not included.

*Summary of Rainfall.*—The rainfall work of the Province has been placed in the hands of the Director of Agriculture, Bengal, and the usual data regarding the actual and normal rainfall during the month will be published by that Department. As a report on the meteorology of the month can hardly be complete without some reference to so important a feature as the rainfall distribution, a short table is attached to this report, giving the rainfall recorded during the month at the head-quarters of the various districts of the Province.

The large excess over the normal mean for the month in North Bihar, North Bengal and East Bengal, caused as indicated above by the continued existence of the trough of low

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pressure along the foot of the Himalayas, is shown clearly by the figures for these two divisions:—

*Actual and average rainfall and departure from normal for August 1906.*

Meteorological Division.	District.	Station.	Actual.	Normal.	Departure from normal.
South-West Bengal.	Burdwan ...	Burdwan ...	17.48	11.40	+ 5.99
	Bankura ...	Bankura ...	14.25	13.01	+ 1.24
	Midnapur ...	Midnapur ...	12.00	11.58	+ 0.42
	24 Parganas ...	Midnapur ...	7.49	12.14	— 4.65
	Calcutta ...	Saugor Island ...	5.93	15.18	— 9.25
	Nadia ...	Calcutta ...	8.14	12.69	— 4.55
	Murshidabad ...	Krishnagar ...	7.36	10.25	— 2.89
North Bengal ...	Jessore ...	Berhampore ...	15.01	10.98	+ 4.03
		Jessore ...	15.52	11.22	+ 4.30
	Rajshahi ...	Rampur Boalia ...	16.10	10.75	+ 5.35
	Dinajpur ...	Dinajpur ...	14.97	13.48	+ 1.49
	Jalpaiguri ...	Jalpaiguri ...	51.91	24.81	+ 27.10
	Darjeeling ...	Darjeeling ...	35.48	25.98	+ 9.50
	Cooch Behar ...	Cooch Behar ...	51.74	20.45	+ 31.29
East Bengal ...	Rangpur ...	Rangpur ...	13.76	13.02	+ 0.74
	Bogra ...	Bogra ...	18.51	12.08	+ 6.43
	Pabna ...	Sirajganj ...	21.57	10.86	+ 10.71
	Dacca ...	Narayanganj ...	14.40	12.50	+ 1.90
	Mymensingh ...	Mymensingh ...	33.59	14.70	+ 18.89
	Faridpur ...	Faridpur ...	14.90	12.08	+ 2.82
	Backergunge ...	Barisal ...	19.27	12.87	+ 6.40
Bihar ...	Tippera ...	Comilla ...	30.41	15.80	+ 14.61
	Noakhali ...	Noakhali ...	25.37	23.94	+ 1.43
	Chittagong ...	Chittagong ...	32.82	19.99	+ 12.83
	Patna ...	Bankipore ...	8.46	10.72	— 2.26
	Gaya ...	Gaya ...	14.95	11.08	+ 3.87
	Shahabad ...	Delhi ...	6.64	12.92	— 6.28
		Buxar ...	9.14	11.03	— 1.89
Orissa ...	Saran ...	Arrah ...	15.69	10.50	+ 5.19
	Champaran ...	Chapra ...	11.98	9.73	+ 2.25
	Muzaffarpur ...	Motibari ...	32.47	12.24	+ 20.23
	Darbhanga ...	Muzaffarpur ...	25.19	10.60	+ 14.59
	Bhagalpur ...	Darbhanga ...	26.93	12.24	+ 14.69
	Purnea ...	Bhagalpur ...	6.77	11.26	— 4.49
	Malda ...	Purnea ...	23.47	13.90	+ 9.57
Chota Nagpur ...	Sonthal Parganas ...	Malda ...	10.94	10.27	+ 0.67
		Naya Dumka ...	9.47	13.41	— 3.94
	Sambalpur ...	Sambalpur ...	10.88	16.39	— 5.51
	Angul ...	Angul ...	11.55	10.01	+ 1.54
	Cuttack ...	Cuttack ...	6.11	12.43	— 6.31
	Balasore ...	False Point ...	6.85	13.91	— 7.06
	Puri ...	Balasore ...	4.73	12.27	— 7.54
Chota Nagpur ...		Puri ...	9.04	11.60	— 2.56
	Hazaribagh ...	Hazaribagh ...	7.12	13.72	— 6.60
	Ranchi ...	Ranchi ...	18.25	11.97	+ 6.28
	Palamau ...	Daltonganj ...	8.46	13.11	— 4.65
	Manbhum ...	Purulia ...	11.11	12.28	— 1.17
	Singbhum ...	Chajbasa ...	9.62	13.11	— 3.49

METEOROLOGICAL OFFICE, BENGAL,  
The 21st September 1906.

O. W. PEAKE,  
Meteorologist Calcutta.

TABLE OF RAINFALL RECORDED AT STATION

METEOROLOGICAL DIVISION.																						
DIVISION.	DISTRICT.	STATION.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SOUTH-WEST BENGAL.	Burdwan.	Burdwan	0.84	1.84	1.05	...	0.39	2.16	1.11	...	0.76	0.18	...	0.33	0.56	0.11	2.34	0.04	...	0.25	...	...
		Kalna	1.35	0.03	0.16	...	0.65	1.03	3.76	0.70	0.06	0.37	1.64	0.15	0.21	0.40	2.18	...	...	0.06	0.30	0.71
		Bardwan	1.65	0.18	0.07	...	0.65	0.96	2.30	...	0.30	...	...	0.70	1.46	0.45	...	...	...	1.46	...	...
		Katwa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raniganj	...	...	...	...	1.45	1.00	...	...	0.15	...	...	0.75	...	...	2.35	1.30	...	0.50	2.00	...
		Mankur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Birbhum	0.44	0.33	...	...	0.38	0.11	1.23	0.83	...	0.40	0.38	0.08	1.08	0.80	1.43	2.33	0.16	0.13	0.24	0.71
		Dehampur	...	...	0.14	0.03	1.21	0.10	0.15	0.08	1.45	0.02	0.53	1.33	0.45	0.33	0.03	0.30	0.03	0.05	1.25	...
		Rampur Hat	...	...	0.66	1.09	0.39	1.00	...	1.47	1.35	0.38	0.53	0.21	0.85	0.25	1.01	0.15	1.30	0.84	0.78	1.11
		Bolpur	0.05	0.05	0.18	...	0.37	0.41	0.99	0.89	...	0.36	0.06	0.21	0.50	0.50	1.29	...	...	2.79	3.33	0.71
		Murari	0.10	0.52	1.81	0.31	1.33	1.37	1.25	1.03	0.87	...	0.50	0.45	...	0.10	0.16	1.08	1.10	...	0.65	0.45
		Labpur	0.19	0.18	...	0.02	0.75	0.95	2.16	1.16	0.98	...	0.23	1.73	0.13	0.53	0.10	0.33	...	0.10	...	...
	Bankura.	Bankura	0.07	...	0.26	...	0.04	0.31	0.63	...	...	...	...	0.43	0.08	0.31	0.79	0.09	...	2.08	0.19	0.05
		Vishnupur	0.38	...	...	...	0.06	0.16	0.90	...	...	0.06	...	0.02	0.30	1.03	...	1.48	...	0.12	2.16	0.30
		Mallara	0.10	...	...	...	...	0.27	0.38	...	0.06	...	...	0.31	...	0.08	0.33	1.30	...	0.36	0.27	1.00
		Khatra	...	...	...	...	...	0.10	0.46	0.53	0.06	0.07	0.03	0.03	...	0.54	...	...	...	...	1.14	...
		Indas	1.19	0.08	0.19	...	0.50	0.29	0.23	0.15	0.38	...	0.11	0.06	0.04	1.86	0.01	0.08	...	0.27	2.40	0.71
		Kotalpur	...	0.24	...	...	0.31	1.81	1.21	...	...	...	...	...	...	1.38	...	...	...	...	...	...
		Onda	0.77	0.28	...	...	...	0.27	0.80	0.39	...	...	...	...	0.41	0.27	...	...	...	0.15	1.26	...
		Gangajalhati	0.09	...	...	...	...	0.44	0.01	...	...	...	...	1.28	...	0.70	...	1.57	0.35	0.60	0.50	1.00
		Bolpur	1.09	...	...	...	1.33	0.23	0.18	0.10	...	0.21	...	0.47	0.65	0.15	0.52	...	...	1.30	1.48	...
		Sonamukhi	...	...	0.40	...	0.75	0.48	1.16	0.18	...	0.13	...	0.33	...	3.97	0.74	0.05	...	...	...	...
	Midnapore.	Contai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tamluk	0.38	...	0.57	0.06	...	...	1.70	...	0.30	...	...	0.05	...	1.85	0.10	...	...	...	...	...
		Midnapore	0.03	0.02	0.40	0.02	...	0.02	0.88	1.34	...	0.16	...	0.03	0.03	0.55	1.38	0.18	...	0.73	...	...
		Chital	0.01	0.75	0.75	0.03	...	0.09	0.87	0.38	0.02	0.31	0.10	0.36	0.01	2.05	0.55	0.03	0.19	0.05	0.64	0.23
		Kulrahaty	...	...	0.05	0.13	...	0.06	0.23	0.27	...	...	...	...	...	1.91	...	...	...	...	...	...
		Garihata	0.48	0.48	...	0.08	...	0.78	2.31	2.86	...	0.15	0.33	...	0.61	1.14	0.36	...	...	0.40	...	...
		Panskura	...	0.04	0.30	...	...	0.04	2.45	0.08	...	0.07	...	...	...	2.11	0.33	...	...	...	0.02	...
		Dantan	...	...	...	...	...	...	0.34	0.19	...	0.09	...	...	...	0.40	...	...	...	...	...	...
		Hooghly	0.39	0.30	0.78	...	0.73	1.19	0.37	1.44	0.02	...	0.36	...	1.34	0.08	0.10	0.07	0.01	0.01	...	...
		Hooghly	0.03	1.33	0.23	...	0.65	0.35	2.38	0.37	...	0.37	...	0.78	...	0.15	0.43	...	...	...	...	...
		Arumhagh (Jahanabad).	...	...	0.26	0.03	0.65	...	0.37	0.18	0.38	0.11	0.14	0.02	0.36	0.04	0.77	0.07	0.04	0.11	0.83	1.32
	Howrah.	Howrah	0.41	...	0.16	...	0.47	0.54	2.10	0.39	...	...	...	0.31	0.08	0.55	0.75	1.76	...	...	...	...
		Mohoraka	0.09	...	0.19	...	0.12	1.23	0.38	0.08	...	...	...	0.11	0.13	0.77	0.62	0.81	...	0.35	...	...
		Utharia	0.40	...	0.08	...	1.19	0.78	0.15	...	...	...	...	...	...	1.06	0.40	0.08	...	0.16	...	...
		Amle	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		24-Parganas	Saugor Island	...	...	...	...	...	0.50	...	...	0.03	0.09	0.06	...	...	0.07	...	0.40	...	0.10	...
		Diamond Harbour	...	...	0.10	0.06	...	0.08	0.77	...	0.08	...	...	...	...	1.11	...	0.19	0.51	...	...	
		Budge-Budge	0.38	...	0.35	0.03	...	0.71	1.13	0.26	0.01	...	...	0.37	...	1.48	2.55	0.14	...	0.06	...	
		Canning Town	...	...	0.08	...	...	0.07	3.15	0.03	0.15	0.39	...	...	...	2.88	0.28	0.85	0.54	...	0.09	
		Alipore (Obay.)	0.34	...	0.11	0.11	...	0.55	0.46	0.10	0.08	...	...	1.10	...	0.78	0.29	0.43	...	0.37	...	
		Sarakpur	0.38	0.28	0.03	...	...	0.53	1.48	0.35	0.05	...	...	0.25	...	0.55	0.55	0.11	...	0.06	...	
		Dum-Dum	...	...	0.00	...	...	0.60	1.40	0.40	...	...	...	0.34	...	0.47	...	...	0.30	...	...	
	Nadia.	Rasbat	...	0.15	0.43	...	...	1.33	0.40	...	0.05	...	...	...	0.28	...	0.70	0.01	1.40	...	1.27	...
		Basirhat	...	...	0.47	...	...	0.90	1.41	...	...	0.30	0.30	...	0.43	...	1.06	0.30	0.11	...	...	...
		Nadia	0.06	0.60	0.61	...	0.19	1.30	1.23	0.03	0.38	...	...	0.45	...	0.17	0.08	2.89	...	...	...	...
		Kennagar	...	0.75	0.45	...	0.35	1.81	0.54	...	0.15	...	...	0.35	...	0.63	0.17	0.06	...	0.13	0.63	0.71
		Chandannagar	0.64	0.52	0.25	...	3.37	1.00	2.32	0.02	...	...	0.94	0.28	0.05	0.24	0.40	0.08	...	3.07	0.44	1.21
		Mohorpur	1.23	1.10	1.53	0.01	4.94	1.94	3.23	...	0.35	0.01	0.73	1.60	0.38	0.97	...	0.03	...	2.32	0.25	0.10
		Kuchit	...	0.45	0.32	...	1.30	0.20	1.30	...	...	0.01	...	0.46	0.14	...	0.33	...	0.57	1.47	1.96	0.63
		Murshidabad	Kandi	0.11	1.37	0.08	0.36	2.53	0.76	0.07	0.15	0.03	0.56	0.08	0.07	1.57	0.20	0.01	0.55	1.44	0.06	0.27
		Berhampur	0.51	1.55	0.43	0.06	1.38	1.45	0.07	0.18	0.30	0.50	0.30	0.35	1.44	0.29	...	0.03	0.86	0.50	...	
		Lalbah	0.26	1.57	4.25	1.17	1.70	1.45	...	0.06	0.36	0.08	0.70	0.00	1.54	0.46	...	0.06	0.70	1.45	0.04	
	Presidency.		Asimganj	0.34	2.17	3.09	1.09	1.33	1.48	0.04	0.01	0.50	0.07	0.60	0.61	0.46	0.15	...	0.06	0.48	0.46	0.21
			Jangipur	0.10	0.75	1.50	0.30	0.16	0.16	0.02	0.75	0.26	0.02	1.08	0.28	0.31	...	0.21	1.18	0.70	0.68	0.23
			Lakolia	...																		

## IN BENGAL IN AUGUST 1906.

31	30	29	28	27	26	25	24	23	22	21	No. of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th May to 31st August 1906.	Average rainfall from 16th May to 31st August.	Station.	DISTRICT.	DIVISION.	METEOROLOGICAL DIVISION.
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Kalna	Burdwan.	Burdwan.	Burdwan.
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Burdwan	Burdwan.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Katwa.	Burdwan.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Baiganj.	Burdwan.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Maukur.	Burdwan.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Buri	Birbhum.	Birbhum.	Birbhum.
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Holampur.	Birbhum.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Rampur Hat.	Birbhum.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Bolpur.	Birbhum.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Murali.	Birbhum.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Lalpur.	Birbhum.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Bankura	Bankura.	Bankura.	Bankura.
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Vishnupur.	Bankura.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Mahara.	Bankura.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Khatra.	Bankura.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Indra.	Bankura.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Kotalpur.	Bankura.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Onda.	Bankura.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Gangajalhati.	Bankura.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Raipur.	Bankura.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Sonamukhi.	Bankura.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Contai	Midnapore.	Midnapore.	Midnapore.
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Tamluk.	Midnapore.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Midnapore.	Midnapore.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Ghatol.	Midnapore.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Kukrahati.	Midnapore.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Garhbeta.	Midnapore.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Panskura.	Midnapore.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Dantan.	Midnapore.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Serampore	Hooghly.	Hooghly.	Hooghly.
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Hooghly.	Hooghly.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Arambagh	Hooghly.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	(Jahanabad).	Hooghly.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Howrah	Howrah.	Howrah.	Howrah.
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Moheraka.	Howrah.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Ulubaria.	Howrah.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Amra.	Howrah.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Saugor Island	24-Parganas.	24-Parganas.	24-Parganas.
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Diamond Har-	24-Parganas.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	bhour.	24-Parganas.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Budge-Budge.	24-Parganas.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Canning Town.	24-Parganas.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Alipore (Obay).	24-Parganas.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Harrackpur.	24-Parganas.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Dum-Dum.	24-Parganas.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Barasat.	24-Parganas.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Basirhat.	24-Parganas.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Ranaghat	Nadia.	Nadia.	Nadia.
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Krishnagar.	Nadia.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Chudanga.	Nadia.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Meherpur.	Nadia.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Kushia.	Nadia.		
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03	0.03	0.48	1.98	15	18.90	13.01	11.34	3.24	37.20	35.00	Kandi	Murshidabad.	Murshidabad.	Murshidabad.
0.80	0.80	0.81	0.81	0.45	0.34	0.18	0.03														



TABLE OF RAINFALL RECORDED AT STATIONS

METEOROLOGICAL DIVISION.																															
DISTRICT.	STATION.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20										
Shahabad	Buzar	0.28	0.06	0.14	0.09	0.14	0.77	0.46	1.90	0.15	...	0.23	0.88	3.02	0.03	0.08	...	0.08	...	...	0.07	...	...	...	...	...	...	...	...		
	Dehri	0.51	1.10	0.10	0.05	0.17	...	0.46	1.43	0.70	0.34	0.16	0.09	0.14	...	0.03	0.01	0.03	...	...	...	...	...	...	...	...	...	...	...		
	Shahbua	0.10	0.76	0.35	0.10	0.02	...	0.43	1.10	0.37	0.73	0.25	0.82	0.07	...	0.17	1.18	...	...	...	...	...	...	...	...	...	...	...	...		
	Amraha	0.63	0.13	0.16	0.08	0.09	0.01	0.45	0.75	1.77	0.40	0.06	0.20	0.18	...	0.10	0.30	0.40	...	...	...	...	...	...	...	...	...	...	...		
	Arrah	0.43	0.68	0.30	0.30	...	0.80	0.66	0.50	1.16	0.45	0.10	1.20	0.90	0.40	0.30	0.10	...	...	...	...	...	...	...	...	...	...	...	...		
	Mohana	1.04	0.77	0.23	...	0.55	0.20	0.43	2.10	0.10	0.10	0.80	0.60	5.00	0.10	...	0.10	...	...	...	...	...	...	...	...	...	...	...	...		
	Agroha	3.15	0.30	0.42	...	0.50	0.30	0.29	0.71	0.80	2.27	0.19	0.28	2.61	...	...	0.08	...	...	...	...	...	...	...	...	...	...	...	...		
	Ramnagar	1.30	0.73	0.42	...	0.69	...	0.35	1.40	0.42	0.16	0.37	0.72	2.78	...	...	0.07	...	...	...	...	...	...	...	...	...	...	...	...		
	Koath	0.53	1.00	0.34	...	0.69	...	0.87	1.71	0.78	0.14	0.08	0.53	0.20	...	...	0.06	0.06	...	...	...	...	...	...	...	...	...	...	...		
	Hikroul	0.54	1.00	0.34	...	0.69	...	0.87	1.71	0.78	0.14	0.08	0.53	0.20	...	...	0.06	0.06	...	...	...	...	...	...	...	...	...	...	...	...	
	Bassowan	0.54	1.00	0.34	...	0.69	...	0.87	1.71	0.78	0.14	0.08	0.53	0.20	...	...	0.06	0.06	...	...	...	...	...	...	...	...	...	...	...	...	
	Monaharpur	0.05	0.34	0.27	...	0.43	...	0.37	2.18	0.40	0.41	0.30	0.17	0.90	...	...	0.30	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Akberpur	0.11	0.42	...	...	1.10	...	0.81	0.44	...	0.23	0.68	0.19	...	...	1.16	0.61	...	...	...	0.62	...	...	...	...	...	...	...	...	...	
Buxar	Gopalganj	0.19	1.70	1.03	...	2.10	0.10	3.93	0.35	2.33	0.50	0.28	0.71	0.78	0.13	1.03	0.06	1.91	0.34	0.69	...	...	...	...	...	...	...	...	...		
	Siwan	1.00	1.00	1.79	0.28	0.20	...	0.52	0.40	1.79	0.06	0.46	0.33	2.06	0.78	0.34	0.04	0.66	0.76	0.13	...	...	...	...	...	...	...	...	...		
	Huma	0.15	0.35	1.05	0.03	1.00	0.34	0.30	10.20	1.10	0.45	0.84	1.00	1.54	...	0.33	...	1.85	0.05	...	...	...	...	...	...	...	...	...	...		
	Chapra	0.23	1.32	1.15	...	0.90	0.21	1.16	0.64	2.73	1.03	0.13	0.39	1.24	...	0.51	0.20	1.09	0.18	0.20	...	...	...	...	...	...	...	...	...		
	Hathwa	0.50	2.00	0.80	...	0.33	0.32	0.65	0.60	0.40	0.30	0.50	1.50	2.50	0.90	0.10	2.50	1.10	0.60	...	...	...	...	...	...	...	...	...	...		
	Amnour	0.30	1.03	1.30	0.02	1.03	0.44	0.94	1.76	0.90	0.86	1.05	1.60	0.40	0.46	...	1.06	0.23	...	...	...	...	...	...	...	...	...	...	...		
	Basantpur	0.30	1.03	1.30	0.02	1.03	0.44	0.94	1.76	0.90	0.86	1.05	1.60	0.40	0.46	...	1.06	0.23	...	...	...	...	...	...	...	...	...	...	...		
	Barauni	2.73	2.04	1.70	...	1.50	...	0.34	0.57	1.72	0.61	2.51	1.04	1.12	0.09	0.45	0.30	0.35	0.03	1.16	0.02	...	...	...	...	...	...	...	...		
	Bharrach	3.11	3.46	1.67	0.02	1.63	0.04	0.34	1.69	2.45	1.06	0.35	1.14	1.06	0.10	0.28	...	0.55	0.19	1.45	0.03	...	...	...	...	...	...	...	...		
	Seipur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Ouampara	Motihari	1.70	2.34	1.46	0.21	2.03	0.46	1.80	4.08	1.96	2.08	1.45	0.70	5.78	3.10	1.82	0.14	0.17	2.23	1.00	0.17	...	...	...	...	...	...	...	...	
		Botnah	1.11	2.41	1.25	0.01	3.04	0.28	1.86	0.63	0.93	0.08	0.12	3.52	1.00	2.09	2.38	0.06	1.21	2.02	2.59	0.41	...	...	...	...	...	...	...	...	
		Hagaha	1.04	2.31	1.52	0.03	1.01	0.96	0.32	0.25	0.41	0.08	0.47	3.05	0.90	2.35	0.40	0.32	1.58	4.51	1.18	0.90	...	...	...	...	...	...	...	...	
Barbura		0.30	2.34	1.46	0.15	1.05	0.84	3.07	0.24	1.83	0.41	1.22	0.76	1.13	1.81	1.27	0.07	1.30	2.98	0.74	...	...	...	...	...	...	...	...	...		
Ramnagar		4.62	0.72	0.25	1.09	0.78	0.60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Narkotiganj		3.63	1.08	0.88	1.35	1.97	0.25	0.83	5.40	0.60	4.30	0.75	1.94	2.40	2.76	0.80	0.65	0.35	1.50	0.75	0.21	...	...	...	...	...	...	...	...		
Kisoreah		1.75	1.70	2.04	0.07	1.25	1.20	0.40	0.60	1.03	0.13	...	2.40	3.75	3.53	0.40	0.72	2.04	...	...	...	...	...	...	...	...	...	...	...		
Dhanah		1.43	1.64	0.84	...	1.53	0.30	0.23	0.65	1.03	0.13	...	2.40	3.75	3.53	0.40	0.72	2.04	...	...	...	...	...	...	...	...	...	...	...		
Muzaffarpur		Bitamari	4.78	2.75	1.00	0.05	1.88	0.84	0.88	0.19	1.11	0.11	1.59	2.74	3.81	3.75	0.14	...	1.96	5.87	0.70	0.03	...	...	...	...	...	...	...	...	
		Muzaffarpur	0.18	1.08	1.50	...	1.10	0.58	0.60	1.53	1.87	1.39	1.36	1.45	4.23	1.20	0.63	0.23	1.18	1.25	...	...	...	...	...	...	...	...	...	...	
		Hajipur	0.30	1.20	0.77	0.03	0.20	0.30	0.17	0.02	0.10	0.20	1.80	0.43	2.00	0.03	0.02	...	1.30	0.68	...	...	...	...	...	...	...	...	...	...	
		Paru	0.25	1.15	0.60	...	0.70	0.23	0.60	1.66	0.10	0.18	1.50	1.33	2.40	0.11	0.35	0.05	0.84	0.74	0.30	...	...	...	...	...	...	...	...	...	
		Mahua	0.57	1.27	...	0.04	0.05	0.49	0.21	0.35	0.00	0.20	0.73	3.47	0.82	0.76	0.07	...	1.26	0.14	...	...	...	...	...	...	...	...	...	...	
	Shubhar	1.22	2.24	1.00	0.10	0.95	0.51	0.60	0.10	0.05	0.05	0.35	1.79	2.75	1.23	0.80	...	0.12	2.75	0.68	0.01	...	...	...	...	...	...	...	...		
	Pupri	4.06	1.40	1.10	0.59	0.60	0.23	2.47	...	0.43	0.50	2.25	2.65	10.15	6.80	...	...	2.85	5.70	0.35	...	...	...	...	...	...	...	...	...		
	Darbhanga	Tajpur (Bama- tipur)	0.49	1.11	2.03	...	0.85	0.33	0.18	0.14	1.10	0.15	0.78	1.52	6.25	0.49	1.11	...	2.55	0.85	0.09	...	...	...	...	...	...	...	...	...	
		Darbhanga	0.06	1.10	1.52	...	0.16	2.58	0.39	0.73	0.47	3.03	0.86	1.35	5.45	1.88	0.46	...	0.43	3.84	0.03	0.41	...	...	...	...	...	...	...	...	
		Madhubani	0.80	0.78	2.11	0.02	0.34	0.05	4.58	0.34	0.09	0.98	1.06	5.27	5.42	8.90	0.76	...	1.70	4.06	0.08	...	...	...	...	...	...	...	...	...	
		Bahera	0.40	0.23	1.89	...	2.23	3.09	3.00	0.73	0.10	0.53	0.65	2.28	5.01	1.58	0.18	...	1.78	2.45	0.30	...	...	...	...	...	...	...	...	...	
		Rosaria	0.62	0.36	1.15	...	0.67	0.80	...	...	2.13	2.47	0.27	0.47	0.84	0.15	...	...	0.80	2.00	...	...	...	...	...	...	...	...	...	...	
		Khatola	0.34	2.20	0.76	2.70	0.99	...	2.03	0.18	...	0.18	...	2.47	3.80	4.90	...	0.49	2.07	1.59	0.41	...	...	...	...	...	...	...	...	...	
Khatola		0.35	2.49	2.83	3.83	2.00	...	3.30	0.12	...	0.05	...	2.23	4.90	5.10	0.13	0.31	2.39	3.64	1.25	...	...	...	...	...	...	...	...	...		
Lakshmi		0.04	0.74	0.84	1.74	0.03	...	2.14	0.42	0.62	0.47	...	3.12	3.23	3.06	1.12	...	1.68	0.83	1.33	...	...	...	...	...	...	...	...	...		
Monghyr		Bogusrai	0.60	0.13	0.75	0.12	0.63	0.06	2.75	0.10	0.20	0.95	1.40	0.65	0.75	...	0.19	0.07	0.90	0.43	...	...	...	...	...	...	...	...	...	...	
		Monghyr	0.03	0.03	0.78	0.18	0.02	0.27	2.70	0.11																					

N BENGAL IN AUGUST 1906—continued.

1	2	3	4	5	6	7	8	9	10	11	No. of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heavyest rainfall during the month.	Total rainfall from 1st May to 31st August 1906.	Average rainfall from 1st May to 31st August.	Station.	DISTRICT.	DIVISION.
...	...	0.03	...	...	0.40	...	0.05	0.04	0.03	0.15	12	18.35	9.14	11.05	3.02	26.28	28.61	Shahabad.	Buzar	...
...	...	0.03	0.37	...	0.63	...	0.13	0.09	0.14	0.72	13	14.44	6.84	13.93	1.43	24.71	31.08	...	Dehri	...
...	...	0.03	0.03	...	...	...	...	...	...	...	16	14.08	9.38	13.49	1.77	33.97	30.38	...	Shahabua.	...
...	...	0.20	0.80	...	0.70	...	0.20	0.40	0.15	...	24	12.87	20.10	10.50	2.50	37.41	30.38	...	Banarua.	...
...	...	0.15	...	0.30	0.54	...	...	...	...	0.55	10	11.00	4.93	13.20	1.00	...	31.85	...	Arrah.	...
...	...	...	...	0.10	...	...	...	...	...	...	14	10.00	12.93	9.23	3.37	29.91	33.98	...	Mohana.	...
...	...	0.35	...	...	0.08	...	0.03	0.13	0.03	...	18	12.67	13.91	10.37	5.00	30.75	30.92	...	Agawon.	...
...	...	...	...	...	...	...	...	...	...	0.15	13	13.44	10.74	11.62	3.61	28.54	31.01	...	Bennasur.	...
...	0.15	1.00	0.02	...	0.03	0.08	...	0.16	0.08	0.08	10	13.44	8.04	11.37	2.75	28.11	31.01	...	Konth.	...
...	0.15	0.08	...	...	0.04	...	...	...	...	0.05	14	13.23	8.96	13.04	1.71	29.14	32.58	...	Sikroli.	...
...	0.20	...	...	...	...	...	...	0.23	0.15	...	13	13.78	6.45	13.51	2.13	35.91	32.58	...	Basawan.	...
...	...	...	...	...	...	...	...	...	...	...	14	?	7.46	?	1.16	?	31.61	...	Monaharpur.	...
...	...	...	...	...	...	...	...	...	...	...	17	11.34	13.36	10.81	3.93	36.03	31.28	...	Akbarpur.	...
...	0.17	0.07	...	...	...	...	0.34	...	...	...	18	13.74	12.43	11.81	3.08	30.88	31.56	...	Gopalganj	...
...	...	0.06	0.09	...	...	...	...	...	...	...	18	13.78	21.62	11.83	10.21	47.38	31.60	...	Bikna.	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chapra.	...
...	0.15	0.10	...	...	...	...	...	...	...	0.25	20	12.61	14.36	?	0.78	?	28.53	...	Hathua.	...
...	...	...	...	...	...	...	...	...	...	...	18	11.78	16.08	11.74	2.73	35.61	?	...	Annor.	...
...	...	0.10	0.08	...	...	...	...	...	...	0.10	18	9.38	13.25	10.35	2.50	32.29	34.15	...	Basanpur.	...
...	...	...	...	...	...	...	...	...	...	...	9	?	8.11	?	1.76	42.70	31.86	...	Darauli.	...
...	0.27	0.04	...	...	0.08	...	...	...	...	0.24	16	?	13.66	?	3.10	33.64	?	...	Bhoreh.	...
...	...	...	...	...	...	...	...	...	...	...	18	?	23.10	?	2.73	40.00	?	...	Sripur.	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	20	12.97	33.47	12.24	5.08	44.42	35.50	...	Motihari	...
...	0.38	0.26	0.50	...	...	...	...	...	...	...	21	12.91	32.08	12.33	3.52	51.80	36.31	...	Bettiah.	...
...	0.16	...	...	...	...	...	...	...	...	0.25	31	12.69	24.88	13.78	4.51	45.94	43.06	...	Baghaha.	...
...	0.11	...	...	...	...	...	...	...	...	0.02	18	?	23.44	?	3.07	46.00	34.27	...	Burhurwa.	...
...	...	...	...	...	...	...	...	...	...	...	16	?	29.03	?	4.67	43.03	?	...	Ramnagar.	...
...	0.20	0.74	0.80	...	...	...	...	...	...	0.13	20	?	20.89	?	3.85	...	?	...	Narkatiganj.	...
...	...	...	...	...	...	...	...	...	...	0.03	21	?	26.14	?	5.40	50.86	?	...	Kisoriah.	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Dhanaha.	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	0.07	0.30	0.01	...	0.12	...	0.10	...	...	0.43	18	11.63	33.77	9.81	3.37	46.84	33.47	...	Monaharpur.	...
...	0.01	0.12	...	...	0.17	0.00	0.16	...	0.50	...	17	14.17	10.73	10.77	4.23	33.73	30.96	...	Muzaffarpur.	...
...	...	...	...	...	...	...	...	...	...	...	18	11.94	13.93	12.30	3.00	33.40	31.44	...	Rajapur.	...
...	0.20	0.13	...	...	...	...	...	...	...	...	15	12.07	10.36	11.98	2.49	32.49	32.49	...	Paru.	...
...	...	0.15	...	...	...	...	...	...	...	...	18	10.47	13.83	10.15	2.47	31.13	33.87	...	Mahua.	...
...	...	...	...	...	...	...	...	...	...	...	19	12.38	43.80	11.36	2.75	37.91	39.30	...	Shihar.	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Pupri.	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	0.33	0.18	...	...	0.03	...	...	...	...	...	18	12.97	18.16	11.04	4.23	41.64	32.46	...	Darbhanga.	...
...	0.18	0.20	...	...	...	...	...	...	...	...	19	14.07	36.03	12.24	3.43	46.83	33.39	...	Tajpur (Samastipur).	...
...	0.05	0.14	...	...	0.12	...	...	...	...	...	20	14.06	39.49	11.79	3.00	60.74	34.03	...	Darbhanga.	...
...	...	...	...	...	...	...	...	...	...	...	15	13.63	28.49	14.10	3.01	51.97	30.58	...	Madhubaul.	...
...	0.19	...	...	...	...	...	...	...	...	0.41	20	?	24.43	?	2.47	40.78	33.63	...	Bahera.	...
...	0.20	0.21	...	...	...	...	...	...	...	...	18	?	33.70	?	3.90	47.25	?	...	Boorha.	...
...	...	0.22	...	...	...	...	...	...	...	0.16	19	?	29.61	?	3.10	64.98	?	...	Khatonia.	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Ladania.	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Lautahi.	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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### TABLE OF RAINFALL RECORDED AT STATION

District	Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Sambalpur	Sambalpur	0.54	0.48	...	...	0.03	0.13	2.68	0.77	0.84	0.40	0.40	0.40	0.40	0.78	0.05	...	0.19	0.81	...	...
	Bargarh	1.16	...	...	...	0.06	0.08	0.93	0.19	1.39	0.30	1.30	0.31	0.78	0.05	...	0.05	2.78	0.38	...	...
	Padampur (Barasamber)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Uria Pouda-tory States	Bhawanipatna	...	0.47	0.10	...	...	...	0.40	0.70	0.84	0.30	1.48	...	...	0.08	...	...	...	...	...	...
	Bolangir	0.60	0.48	...	...	0.10	0.20	2.80	0.77	0.84	0.30	0.30	...	...	0.18	...	...	0.37	0.38	...	0.02
	Bonepur	...	0.55	...	...	0.05	0.08	2.30	0.77	0.84	0.30	0.30	...	...	0.18	...	...	2.64	...	...	0.14
	Bampur	0.22	0.21	0.21	...	...	0.21	0.42	1.38	0.47	0.05	0.25	...	...	0.14	...	...	1.87	...	...	...
	Deoghur	0.68	...	...	...	...	1.33	1.40	0.67	1.04	0.21	0.25	0.21	0.08	0.08	...	0.13	...	0.86	...	...
	Gangpur	0.10	0.23	0.09	0.03	...	0.19	0.90	0.66	0.35	1.81	0.13	...	...	...	...	...	...	...	...	...
	Bolangir	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Orissa	Jagatsingpur	0.07	0.07	0.38	2.30	...	...	0.10	0.30	0.43	...	0.08	1.30	0.05	...	...	...	0.13	1.89	...	...
	Banki	0.24	...	...	...	...	...	0.05	0.06	0.04	0.18	0.08	...	...	0.05	...	...	0.25	...	...	0.03
	Outback	0.22	0.17	...	0.06	0.18	...	0.07	0.03	0.39	0.10	...	0.06	...	0.02	...	...	...	...	...	...
	Faine Point	...	...	...	...	...	...	0.02	0.05	1.71	0.16	0.69	0.08	...	0.12	...	...	0.64	0.81	...	0.02
	Kendrapara	0.39	0.09	...	...	...	...	1.71	0.16	0.69	0.08	...	...	...	0.12	...	...	1.09	0.02	...	...
	Jajpur	0.10	...	0.14	...	...	...	1.60	0.23	0.16	0.16	0.04	...	...	0.19	1.31	...	...	...	...	...
	Dharmala	...	...	...	0.15	...	...	0.03	0.47	0.16	...	...	...	...	...	...	...	...	...	...	...
	Balepur	0.58	...	...	0.33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Balasore	Akhyapada	0.18	...	6.73	...	...	...	0.68	0.38	0.70	0.08	...	...	...	...	...	0.18	0.08	0.05	0.01	3.78
	Chandbali	0.75	0.54	...	...	...	...	0.02	0.08	...	1.05	0.16	...	...	0.10	...	...	0.04	0.02	...	...
	Bhadrak	0.19	...	0.25	...	...	...	0.41	0.10	...	...	...	...	...	0.26	...	...	...	...	...	...
	Soro	0.30	0.35	...	...	...	...	...	0.10	...	...	...	...	...	...	...	...	...	...	...	...
	Balasore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jellacore	0.05	...	...	...	...	...	1.05	0.23	0.15	...	...	...	...	0.83	...	...	0.11	1.21	...	...
	Balipali	...	0.06	...	...	...	...	0.50	0.03	...	...	...	...	...	0.16	0.02	0.18	0.37	...	...	...
	Bram (Basa-debpur)	...	0.28	...	...	...	0.50	2.00	...	0.08	0.10	...	...	...	...	...	...	1.11	0.13	0.16	...



IN BENGAL IN AUGUST 1906—continued.

No.	Station.	District.	Division.
1	Bambalpur ... Bargarh. Padampur. (Barasamber)	Bambalpur.	Orissa.
2	Khawaniptana. Bolangir. Sonapur. Raipur. Dugghur. Gaukur. Konaigurrh.	Uria Feudatory States.	Orissa.
3	Jagatsingpur Hanki. Cuttack. Pala Point. Kendrapara. Jajpu. Dharuvala. Salepur.	Outland.	Orissa.
4	Akhyapada ... Chandball. Bhadrak. Soro. Balasore Jhalasore Baliapal. Bram (Basu- debpur). Turigeria. Banath.	Ralasore.	Orissa.
5	Anaul Bisipara. Chhendipada. Tikarpura. Balansipara.	Angul.	Orissa.
6	Baramba ... Kunjabongari. Dhenkanal. Botasinga. Keonjhar. Anandapur. Haripada. Kurungia. Narasingpur. Nayagarh. Pal Lahara. Ranpur. Isakpur. Athmalik. Bindoi. Boad. Nilgiri. Atthgurh.	(Orissa Trib- utary Mahals).	Orissa.
7	Puri Khurda. Bhanpur. Gop. Salpara. Fipli. Konos.	Puri.	Orissa.
8	Pachamba ... (Gardha). Hasaribagh. Berhi. Chatra. Kharadiha. Bangar. Koderma. Bagodar.	Hasaribagh.	Orissa.
9	Loharda ... Ranchi. Silli. Paikot. Bano. Tamar. Kurdeg. Gumla. Chaunpur.	Ranchi.	Orissa.
10	Palamau ... (Daitengga). Halumath. Humainabad. Garhwa. Mahanadar. Panhi. Lotehur. Nagaratari. Kanka. Chattarpur. Bhamathpur. Putan. Monatu. Lealiyanyf. Korh. Garu.	Palamau.	Orissa.
11	Purulia ... Gobindpur. Raghunathpu. Barahabhum Jhanda. Obas. Pandra. Montasar.	Mashum.	Orissa.
12	Chaitanya ... Chhatradharpur. Ghatela. Baharagura. Gaikhura. Kalikapur. Manaharpur. Katbari. Seraskilla. Kharasawa. Jantigarh. Jananathpur	Singhabum.	Orissa.

### DISTRICT RAINFALL TABLE OF THE PROVINCE OF BENGAL FOR THE MONTH OF AUGUST 1906.

METEOROLOGICAL DIVISION.	DIVISION.	DISTRICT.	DISTRICT OBSERVATIONS.									
			RAINFALL									
			Of month.					Since 10th May 1906.				
			Mean of district.	Normal mean.	Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.
SOUTH-WEST BENGAL.	Burdwan	Burdwan ...	15.97	11.76	+4.21	15.25	15.20	31.13	37.13	-6.00	41.05	45.83
		Birbhum ...	13.63	10.93	+2.70	19.50	15.13	33.24	37.00	-3.76	43.67	40.80
		Bankura ...	10.28	11.88	-1.60	15.80	14.89	32.55	37.68	-5.13	41.61	45.43
		Midnapore ...	8.37	12.82	-4.45	12.29	15.24	32.40	38.38	-5.98	41.94	45.30
		Hooghly ...	9.22	12.53	-3.31	16.67	16.67	26.40	37.87	-11.47	43.34	49.04
		Howrah ...	9.52	11.40	-1.88	16.00	16.90	31.46	36.73	-5.27	43.27	50.78
	Presidency	24-Parganas ...	7.82	13.29	-5.47	13.13	16.70	29.75	40.16	-10.41	42.64	49.88
		Calcutta ...	8.14	12.09	-4.55	18.00	18.88	28.98	38.99	-10.01	47.00	54.40
		Nadia ...	14.22	10.96	+3.26	16.80	15.00	29.97	35.03	-5.06	44.60	47.63
		Murshidabad ...	15.99	10.45	+5.54	19.89	14.53	33.27	34.74	-1.47	46.66	45.95
		Jessore ...	12.47	10.67	+2.80	17.47	15.37	30.99	36.77	-5.78	46.80	49.77
BIHAR.	Patna	Khulna ...	9.24	12.32	-3.08	15.25	16.71	28.16	41.69	-13.53	50.95	52.81
		Patna ...	9.39	11.21	-1.82	14.88	13.18	33.68	32.49	+1.19	39.50	36.87
		Gaya ...	11.85	11.73	-0.37	13.44	13.83	25.99	31.48	-5.49	33.44	36.03
		Shahabad ...	9.87	11.66	-1.79	14.83	12.96	27.74	31.17	-3.43	35.75	35.54
		Saran ...	16.01	11.00	+5.01	17.83	12.19	37.84	31.52	+6.31	38.30	34.47
		Champaran ...	28.18	12.81	+15.37	20.00	13.10	57.04	37.44	+19.60	46.75	39.91
		Muzaffarpur ...	22.29	11.00	+11.29	17.43	12.27	45.03	31.88	+13.15	42.16	35.15
		Darbhanga ...	25.04	12.49	+12.55	18.00	13.74	50.01	38.97	+11.04	45.60	37.71
	Bhagalpur	Monghyr ...	10.91	11.41	-0.50	14.60	13.53	30.51	33.59	-3.08	40.71	38.18
		Bhagalpur ...	14.99	11.66	+3.33	16.00	13.53	41.66	34.74	+6.92	46.26	40.22
		Darjeeling ...	48.73	24.86	+23.87	20.20	23.29	110.24	86.13	+24.12	78.03	75.51
		Purnea ...	25.09	14.98	+10.11	17.71	15.32	59.16	49.20	+9.96	51.28	48.51
ORISSA.	Orissa	Sonthal Parganas ...	11.65	11.66	-0.01	17.53	15.60	31.42	35.69	-4.27	46.34	45.88
		Sambalpur ...	10.49	15.18	-4.69	13.50	16.15	34.39	44.63	-10.24	43.50	46.15
		Angul ...	10.36	10.45	-0.09	14.50	15.31	34.41	33.85	+0.56	37.13	47.94
		Cuttack ...	6.61	12.77	-6.16	10.50	15.51	25.68	37.33	-11.65	37.13	43.46
		Balasore ...	0.04	11.85	-5.81	11.67	14.96	27.04	26.21	-9.17	43.30	43.92
		Puri ...	9.46	12.05	-2.59	10.17	14.63	29.50	32.48	-2.98	34.50	39.48
	Chota Nagpur	Hasaribagh ...	7.12	12.60	-5.48	14.00	16.51	23.53	26.03	-13.10	37.05	45.09
		Ranchi ...	12.44	13.31	-0.87	20.50	16.91	36.76	38.34	-1.58	48.43	46.95
		Palamanu ...	6.30	13.42	-7.12	13.50	14.91	28.96	34.88	-5.87	36.56	40.19
		Manbhum ...	11.08	12.78	-1.70	10.29	16.27	28.90	33.97	-5.07	34.44	46.27
		Singbhum ...	8.38	14.54	-6.16	15.71	17.02	34.83	42.28	-7.45	45.66	48.93

### SUMMARY OF THE RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE MONTH OF AUGUST 1906.

DURING the month of August, the rainfall was irregularly distributed over the Province. The precipitation was very heavy in the following districts of Bihar:—

Saran received an average rainfall of 16.01, (normal 11.00), Champaran 28.18 (normal 12.81), Muzaffarpur 22.29 (normal 11.00), Darbhanga 25.04 (normal 12.49), Bhagalpur 14.99 (normal 11.66), Darjeeling 48.73 (normal 24.86), Purnea 25.09 inches (normal 14.98). The departure from the normal at Saran is +5.01, at Champaran +15.37, at Muzaffarpur +11.29, at Darbhanga +12.55, at Bhagalpur +3.33, at Darjeeling +23.87 and at Purnea +10.11 inches. Expressed as a percentage, the above districts received 146, 220, 203, 200, 129, 196 and 167 per cent. respectively. Though the downpour in the districts of Burdwan, Birbhum, Nadia, Murshidabad and Jessore in South-West Bengal was not as heavy as in the above-named districts in Bihar, they also received an average above the normal, the excess varying from 2 to 5 inches. Expressed as a percentage, they received 136, 125, 130, 147 and 126 per cent., respectively.

From the abstract table it will be seen that South-West Bengal received 95 per cent., Bihar 129 per cent., Orissa 64 per cent. and Chota Nagpur 73 per cent. The total rainfall from January to the end of August 1906 was 94 per cent. of the normal in South-West Bengal; 109 per cent. in Bihar, 84 per cent. in Orissa and 97 per cent. in Chota Nagpur.

Full details of the rainfall registered at each rainfall station in all districts of Bengal are given in the accompanying table day by day throughout the month.

SUPPLEMENT TO THE OALCUTTA GAZETTE, SEPTEMBER 19, 1906. 1379

The following table compares the rainfall in the four Divisions during the month of August with the normal fall, the actual being given as a percentage of the normal. The table also shows the actual falls for each of the previous months of the year, expressed in the same way, and the last column of the table shows the total rainfall of the past eight months of the year:—

METEOROLOGICAL DIVISIONS.	January.	February.	March.	April.	May.	June.	July.	August.	Actual rainfall of first eight months of 1906 expressed as a percentage of the normal fall for the period.
South-West Bengal ...	467	489	177	3	71	82	94	95	94
Bihar ...	81	424	113	6	73	88	104	129	109
Orissa ...	321	378	73	11	65	86	91	64	84
Chota Nagpur ...	876	893	192	3	58	68	105	73	97

The following table gives full data for the comparison of the actual and normal rainfall of the month of August in all districts in the Province:—

PERCENTAGE TABLE FOR AUGUST 1906.

DIVISION.	DISTRICT.	Normal rainfall for August.	Actual district rainfall for August 1906.	Percentage of actual to normal rainfall.	Percentage excess (+), defect (—).
South-West Bengal.	Burdwan ...	11.76	15.97	136	+ 36
	Birbhum ...	10.98	13.63	125	+ 25
	Bankura ...	11.83	10.28	86	— 16
	Midnapore ...	12.82	8.37	65	— 35
	Hooghly ...	12.53	9.22	74	— 26
	Howrah ...	11.40	9.52	84	— 16
	24-Parganas ...	13.29	7.82	59	— 41
	Calcutta ...	12.69	8.14	64	— 36
	Nadia ...	10.96	14.22	130	+ 30
	Murshidabad ...	10.45	15.39	147	+ 47
	Jessore ...	10.67	13.47	126	+ 26
	Khulna ...	12.32	9.24	75	— 25
Bihar	Patna ...	11.21	9.39	84	— 16
	Gaya ...	11.72	11.35	97	— 3
	Shahabad ...	11.66	9.87	85	— 15
	Saran ...	11.00	16.01	146	+ 46
	Champanan ...	12.81	23.18	240	+ 120
	Muzaffarpur ...	11.00	22.29	203	+ 103
	Darbhanga ...	12.49	25.04	200	+ 100
	Monghyr ...	11.41	10.91	96	— 4
	Bhagalpur ...	11.66	14.99	129	+ 29
	Darjeeling ...	24.86	48.73	196	+ 96
	Purnea ...	14.98	25.09	167	+ 67
	Sonthal Parganas ...	11.68	11.66	95	— 5
Orissa	Sambalpur ...	15.18	10.49	69	— 31
	Angul ...	10.45	10.36	99	— 1
	Cuttack ...	12.77	6.61	52	— 48
	Balasore ...	11.85	6.04	51	— 49
	Puri ...	12.05	9.46	79	— 21
Chota Nagpur	Hazaribagh ...	12.60	7.12	57	— 43
	Ranchi ...	13.31	12.44	93	— 7
	Palamau ...	13.42	6.30	47	— 53
	Manbhum ...	12.76	11.08	87	— 13
	Singbhum ...	14.54	8.38	57	— 43

The following table gives a summary of the rainfall data of the four divisions of the Province for the month of August 1906:—

METEOROLOGICAL DIVISION.	RAINFALL OF MONTH.			RAINY DAYS.			RAINFALL SINCE MAY 1906.	
	Average for Division.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average for Division.	Normal average.
South-West Bengal ...	11.21	11.74	— 0.53	15.70	15.63	+ 0.17	80.96	37.53
Bihar ...	15.23	11.83	+ 3.39	16.40	13.90	+ 2.50	37.15	34.69
Orissa ...	7.82	12.28	— 4.46	11.33	15.09	— 3.76	28.40	35.63
Chota Nagpur ...	9.70	13.84	— 3.84	17.32	16.44	+ 0.88	31.79	38.11

WRITERS' BUILDINGS.  
The 17th September 1906.

C. A. OLDHAM,  
Director of Agriculture, Bengal.

## Imports of Principal Articles into the Calcutta Trade Block

Whence imported	FOOD-GRAINS								FIBROUS PRODUCTS		OILSEEDS	
	Rice and paddy			Wheat	Wheat flour	Gram and pulse	Other food-grains	Total	Jute, raw	Gunny bags†	Linseed	Mustard seed
	Rice	Paddy*	Total (in rice)									
BENGAL	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	No	Mds	Mds
Burdwan	103,098	114,080	205,267	268	65	12,168	18	277,884	96	68,339	2,197	1,897
Birbhum	289,804	3,592	292,149	4	13	1,074	371	293,611	...	9,360	1,084	778
Bankura	85,271	20,092	94,391	...	...	...	...	98,391	...	7,073	...	...
Midnapore	490,144	119,597	604,892	205	...	15,002	16	600,716	615	34,216	5,017	611
Hooghly	255,940	61,017	294,078	1,024	40	9,243	763	305,785	49,134	8,865,597	5,279	280
24 Parganas	602,853	28,008	630,414	52	...	6,124	...	636,390	563,705	20,060,335	3,416	204
Nadia	8,248	584	8,619	7,310	...	132,482	14,546	142,099	19,067	81,068	76,781	4
Murshidabad	27,272	9	27,278	1,197	573	19,113	681	20,723	8,063	12,755	6,250	482
Jessore	61	3,125	1,389	...	...	28,330	794	30,513	26,912	27,099	19,406	...
Khulna	1,131	14,535	10,309	...	119	2,721	...	13,049	20,789	51,520	1,102	...
Total Bengal	1,264,822	364,579	2,182,054	10,769	810	217,895	17,070	4,429,019	489,330	37,197,348	119,898	5,429
BIHAR	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	No	Mds	Mds
Patna	1,348	...	1,348	2	...	153,340	8,018	153,608	...	910	175,122	18,069
Gaya	7,366	...	7,366	774	...	124,779	5,156	125,075	61	500	10,895	4,272
Shahabad	400	...	400	3,566	768	104,385	2,131	106,545	...	1,190	52,691	925
Baran	...	...	...	20	...	1,809	5	1,904	...	13,460	59,071	7,448
Champaran	...	...	...	...	...	3,234	36,689	39,143	898	2,730	92,032	17,301
Muzaffarpur	434	...	434	...	...	831	8,265	9,040	...	1,015	207,636	5,044
Darbhanga	12	...	12	549	...	1,490	2,865	4,916	...	1,200	184,763	26,006
Monghyr	400	...	400	19,002	5	93,442	4,237	117,086	...	1,995	76,398	48,321
Bhagalpur	1,114	...	1,114	4,981	...	6,371	19,567	31,933	6,493	3,500	68,934	29,331
Purnea	...	...	...	681	...	1,738	...	2,430	144,943	71,740	4,545	1,437
South Parganas	1,294	...	1,294	13,774	...	13,832	6,474	37,424	9,085	2,346	3,641	6,128
Darjeeling	...	1	1	...	...	...	...	...	2,958	13,230	...	...
Cooch Behar	2	...	2	...	...	...	...	...	33,799	595	...	...
Total Bihar	12,370	1	12,371	43,049	771	656,907	85,629	697,027	200,634	114,940	976,525	159,033
ORISSA	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	No	Mds	Mds
Cuttack	27,311	1,015	27,965	...	...	1,919	...	29,864	7,161	4,165	...	337
Balesore	273,634	246,986	461,919	252	...	3,995	...	466,708	58,684	21,037	...	...
Puri	53,744	...	53,744	...	...	...	47	53,744	...	140	...	474
Nambalpur	121,403	...	121,403	...	...	...	...	121,509	291	175	...	59
Mourbhani State	28,816	3,043	30,716	...	...	331	...	30,946	...	806	...	...
Total Orissa	604,905	289,513	698,785	252	...	6,145	47	692,229	66,136	20,922	1,841	899
CHOTA NAGPUR	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	No	Mds	Mds
Hazaribagh	8	...	8	...	...	...	...	...	...	455	1,002	...
Palamu	...	...	...	...	...	...	...	...	...	70	16,926	...
Manbhum	18,164	6,863	22,453	...	...	13	...	22,466	...	1,015	...	...
Singbhum	106,137	6,798	112,386	...	...	282	...	112,648	...	3,438	1,808	218
Gangpur (Tributary State)	330	...	330	...	...	...	...	330	...	465	...	...
Total Chota Nagpur	129,039	13,661	135,177	...	...	230	...	135,407	...	10,430	19,589	1,044
Total of the Provinces under the Lieutenant-Governor of Bengal.	2,509,699	667,654	3,018,917	54,061	1,681	789,027	102,746	3,954,333	756,280	57,349,646	1,110,173	166,394
OTHER PROVINCES AND PLACES	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	No	Mds	Mds
Burma	694,413	96,836	654,591	721	327	21,616	2,027	679,282	...	4,400	...	123,411
E B and Assam	99,932	488	100,235	777	36	36,383	802	137,733	837,855	806,835	28,736	64,301
W P of Agra and Oudh	859	...	859	684,571	14,388	199,750	22,032	923,600	2,691	3,430	286,522	230,798
Punjab	165	...	165	109,004	14,905	99,304	4,210	227,588	...	16,734	673	...
Sind and British Baluchistan	...	...	...	...	...	...	...	...	...	...	...	4,761
Central Provinces and Berar	6,696	13	6,694	184,841	5	203,056	4	344,600	704	230	37,076	15,169
Bombay	22	...	22	...	...	...	...	...	...	...	...	6,729
Madras	1,907	...	1,907	...	...	30,311	123	30,351	13	1,006	...	17,034
Kajputana and Central India	...	...	...	1,235	...	734	...	1,940	...	...	10,647	...
GRAND TOTAL { 1906 ... 3,302,679 764,339 3,750,361 287,200 21,241 1,376,171 131,954 6,306,947 1,587,414 37,854,896 1,664,720 1,421,541	3,302,679	764,339	3,750,361	287,200	21,241	1,376,171	131,954	6,306,947	1,587,414	37,854,896	1,664,720	1,421,541
{ 1905 ... 3,091,478 330,562 3,498,077 5,607,064 35,569 1,776,673 128,608 9,348,371 1,400,941 5,572,110 1,486,948 1,443,019	3,091,478	330,562	3,498,077	5,607,064	35,569	1,776,673	128,608	9,348,371	1,400,941	5,572,110	1,486,948	1,443,019
{ 1904 ... 2,085,184 576,365 2,445,494 6,595,470 14,497 2,081,820 117,047 11,162,246 207,404 7,846,622 3,983,137 1,443,019	2,085,184	576,365	2,445,494	6,595,470	14,497	2,081,820	117,047	11,162,246	207,404	7,846,622	3,983,137	1,443,019

\* One maund of paddy is equivalent to 25 seers of rice.

† Including gunny-cloth, 2 yards = 1 bag.



## No II

Statement of the Routes by which the Articles enumerated in Table No I were imported into the Calcutta Trade Block in the three months of April to June 1906.

ROUTES	FOOD-GRAINS						FIBROUS PRODUCTS		OILSEEDS	
	Rice	Paddy	Wheat	Wheat flour	Gram and pulse	Other food-grains	Jute, raw	Gunny-bags <sup>*</sup>	Linseed	Mustard seed
	Mds	Mds	Mds	Mds	Mds	Mds	Mds	No	Mds	Mds
By boat ... ..	843,028	50,834	10,378	40	122,178	1,684	823,674	34,823,652	51,845	4,884
„ river steamer ...	0,978	1,272	348	7	25,050	1,013	173,500	74,735	10,067	113,824
„ rail { E. I. Railway	515,896	153,334	833,731	30,142	814,697	111,680	190,840	314,030	1,374,912	1,063,030
„ rail { E. B. S. Railway (including B. C. Railway)	167,389	174	1,622	790	100,032	15,218	673,908	1,806,830	84,008	6,633
„ rail { A. B. Railway	1	.....	.....	.....	.....	.....	48	18,020	110	.....
„ rail { B. N. Railway	825,080	302,415	134,400	5	113,318	137	19,816	69,020	42,021	5,665
„ rail { Bombay Railways	.....	.....	.....	.....	105,831	.....	.....	.....	.....	.....
„ rail { Howrah-Amra and Howrah-Sheekhah Light Railways†	1,344	30	.....	.....	24	.....	1,805	8,890	105	.....
„ road ... ..	572,101	27,583	4	.....	3,560	.....	45,936	660,868	692	40
„ sea ... ..	687,074	108,408	721	337	54,076	2,027	58,984	10,075	.....	9,061
Total { 1906 ...	3,302,070	764,330	987,200	31,241	1,376,171	131,954	1,587,414	37,884,395	1,564,730	1,944,407
Total { 1905 ...	3,601,475	830,562	3,507,904	35,509	1,776,573	128,508	400,941	5,572,110	1,486,946	1,491,551
Total { 1904 ...	2,085,184	670,335	6,503,470	14,457	2,081,820	117,047	807,904	7,846,623	3,943,187	1,443,019

ROUTES	Tea, Indian	Cotton, raw	Silk, raw	Coal and coke	Indigo	SUGAR		TOBACCO	
						Refined	Unrefined	Unmanufactured	Manufactured
	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds
By boat ... ..	3	9,609	5	20,545	.....	641	67,892	20,653	54
„ river steamer ...	94,439	29,236	342	37,590	.....	22	41	8,577	1,224
„ rail { E. I. Railway	985	90,219	420	30,477,358	24	1,035	12,307	21,365	3,415
„ rail { E. B. S. Railway (including B. C. Railway)	55,288	9,316	3,078	990	.....	382	14,677	141,008	.....
„ rail { A. B. Railway	17,039	9,663	.....	.....	.....	.....	.....	129	2
„ rail { B. N. Railway	141	7,075	.....	10,802,514	.....	.....	150	39	514
„ rail { Bombay Railways	.....	55,030	.....	.....	.....	.....	.....	183	.....
„ rail { Howrah-Amra and Howrah-Sheekhah Light Railways†	.....	.....	.....	.....	.....	.....	23	.....	.....
„ road ... ..	.....	2,371	.....	20,300	.....	21,340	35,360	6,235	2,460
„ sea ... ..	871	45,101	4	.....	.....	34,570	.....	900	437
Total { 1906 ...	168,755	258,309	3,840	40,440,006	24	49,900	130,040	300,570	9,095
Total { 1905 ...	146,263	361,602	2,770	37,793,046	804	70,081	172,303	210,460	9,094
Total { 1904 ...	303,785	137,201	3,306	30,399,033	1,565	67,765	107,081	339,639	9,403

\* Including gunny-cloth, 2 yards = 1 bag

† Trade carried by these Railways was not registered previous to April 1906



No III

Imports of certain Articles into Calcutta by Sea (Foreign and Coastwise) in the three months of April to June 1906.

	COTTON PIECE-GOODS		COTTON YARN		Salt	Kerosene oil
	European	Indian	European	Indian		
From Foreign Countries—						
United Kingdom	No.	Rs.	Mds.	Mds.	Mds.	Mds.
Other countries	4,53,61,616	...	34,891	...	1,818,061	92
	2,80,181	...	1,386	...	1,406,159	303,654
Total	4,56,50,196	...	36,276	...	3,316,123	303,646
Coastwise—						
Bombay	32,429	10,00,484	...	33,999	317,264	...
Sind and British Baluchistan	2,532	...	...	...	...	...
Madras	...	2,44,734	...	...	...	...
Other ports in Madras	...	1,622	...	...	...	...
Allopy	...	...	...	73	...	...
Burma	27,333	15,083	...	18	...	1,757,246
Other ports	...	...	...	11	...	...
Total	62,314	13,23,319	...	34,101	317,264	757,246
Total	1906	4,57,12,610	13,23,319	36,276	3,632,387	1,00,892
	1905	4,49,39,736	10,25,600	36,637	2,719,025	1,207,450
	1904	3,74,51,363	11,75,832	26,409	3,233,496	571,058

## No IV

*Exports of Principal Articles from Calcutta by Sea (Coastwise and to Foreign countries) in the three months of April to June 1906.*

	Rice	Paddy	Total (in rice)	Wheat	Wheat flour	Gram and pulse	Other food- grains	Total	Jute, raw	Gunny- bags	
	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	No	
Coastwise—											
Bombay ...	43,651	.....	43,651	119	.....	534	136	44,490	20	4,206,950	
Sind and British Baluchistan ...	200	.....	200	.....	.....	.....	.....	200	.....	2,021,950	
Madras ...	560	.....	560	.....	5,491	37,196	3,629	46,876	.....	367,150	
Other ports in Madras ...	139,402	905	140,027	.....	5,067	14,659	.....	159,733	.....	675,504	
Kattywar ...	.....	.....	.....	.....	1,041	438	.....	1,479	.....	89,000	
Pondichery ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Goa ...	.....	.....	.....	.....	.....	.....	.....	3,522	.....	3,000	
Allepey ...	3,522	.....	3,522	.....	.....	.....	.....	.....	.....	.....	
Murma ...	11,204	.....	11,204	1,037	70,206	75,753	5,827	166,117	225	6,308,500	
Other Indian ports ...	14	.....	14	232	2,391	2,365	10	4,002	.....	63,765	
Total ...	198,613	905	199,178	1,388	84,276	130,965	9,602	425,469	245	13,775,879	
To Foreign coun- tries—											
United Kingdom	114,015	.....	114,015	32,400	.....	100,084	.....	247,489	452,630	13,213,130	
Other countries	1,667,385	3	1,667,387	17,457	17,098	91,334	13,712	1,807,019	925,192	129,847,386	
Total ...	1,781,390	3	1,781,392	49,857	17,098	192,408	13,712	2,055,107	1,407,822	143,060,516	
Total ...	1906 ...	1,979,991	908	1,090,560	51,335	101,974	323,333	23,314	2,460,516	1,408,067	158,630,395
1905 ...	3,011,041	25,022	3,036,070	1,931,403	113,102	684,005	47,005	5,863,160	736,677	153,342,840	
1904 ...	2,270,372	2,046	2,271,650	4,430,130	121,491	1,635,297	22,030	7,961,573	850,439	123,496,196	

	Linseed	Mustard seed	Tea, Indian	Cotton, raw	Silk, raw	Coal and coke	Indigo	SUGAR		TOBACCO		
	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Re- fined	Un- refined	Un- manu- factured	Manu- factured	
Coastwise—												
Bombay ...	.....	.....	5,951	.....	25	8,107,050	24	1,763	.....	.....	46	
Sind and British Baluchistan ...	.....	.....	324	.....	.....	3,137,579	.....	.....	.....	957	184	
Madras ...	.....	.....	470	.....	.....	1,260,797	.....	407	.....	.....	42	
Other ports in Madras ...	.....	7,066	110	.....	.....	1,197,397	.....	2	.....	.....	160	
Kattywar ...	.....	.....	3	.....	.....	147,136	.....	.....	.....	.....	.....	
Pondichery ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Goa ...	.....	.....	.....	.....	.....	103,907	.....	.....	.....	.....	.....	
Allepey ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Murma ...	46	.....	1,985	575	20	2,785,769	.....	3,576	4,251	12,160	943	
Other Indian ports ...	7	.....	1	8	.....	23,766	.....	5,332	33	1,271	23	
Total ...	53	7,066	8,454	583	45	16,771,311	24	11,080	4,284	14,388	1,363	
To Foreign coun- tries—												
United Kingdom	682,989	70,769	84,758	11,720	933	.....	798	.....	.....	.....	34	
Other countries	430,545	48,285	20,261	177,629	2,783	7,450,777	2,068	106	46	2,517	267	
Total ...	1,113,534	119,054	114,019	189,256	3,716	7,450,777	2,966	106	46	2,517	401	
Total ...	1906 ...	1,113,547	120,160	122,673	189,637	3,761	24,222,098	2,890	11,196	4,330	16,906	1,799
1905 ...	997,002	133,874	81,310	140,263	2,976	22,631,686	6,392	11,637	3,398	43,901	1,979	
1904 ...	2,851,325	286,563	113,785	120,571	3,136	17,265,421	12,614	11,550	4,039	36,507	2,146	

# SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPTEMBER 19, 1906. 1385

## No V

Exports of certain Articles from the Calcutta Trade Block by Rail, Road, River, Canal and Sea (coastwise) in the three months of April to June 1906

	COTTON PIECE-GOODS*		COTTON YARN		Salt	KEROSENE OIL		Gunny-bags†
	European	Indian	European	Indian		From Calcutta	From Budget	
MONTH	Rs	Rs	Mds	Mds	Mds	Mds	Mds	No
<b>BENGAL</b>								
Burdwan	7,03,418	44,075	644	4,385	139,858	4,130	29,712	204,350
Birbhum	4,79,597	6,399	359	4,406	81,597	26	7,760	117,380
Bankura	1,69,412	1,44	.....	2,401	33,013	.....	.....	59,535
Midnapore	8,70,891	1,32,074	2,401	3,091	180,173	380	473	187,282
Hooghly	4,03,175	1,04,333	1,406	158	92,473	14,111	5,383	100,708
24-Parganas	8,67,478	1,04,329	1,304	80	70,380	36,688	10,230	50,943
Calcutta	.....	.....	.....	.....	.....	.....	211,704	.....
Nadia	10,59,093	22,545	4,212	1,312	96,827	2,050	35,780	119,967
Murshidabad	3,17,593	6,394	272	570	37,102	275	8,238	24,714
Jessore	3,02,678	1,17,981	2,380	586	53,543	11,077	0,151	15,350
Khulna	2,76,196	89,102	303	203	42,603	13,481	451	6,145
<b>Total Bengal</b>	<b>53,73,391</b>	<b>0,80,376</b>	<b>13,150</b>	<b>18,186</b>	<b>807,576</b>	<b>83,170</b>	<b>320,004</b>	<b>904,354</b>
<b>BIHAR</b>								
Patna	11,72,066	10,492	1,230	1,939	70,129	94	44,415	473,354
Gaya	12,61,316	2,182	325	4,970	78,520	34	10,819	168,280
Shahabad	11,73,738	6,302	83	1,037	69,300	85	7,773	159,950
Saran	12,35,015	27,806	406	460	66,132	10	7,016	88,685
Champaran	13,31,029	12,991	62	653	97,020	70	16,418	113,436
Muzaffarpur	12,01,488	12,540	20	471	137,010	121	23,552	167,325
Darbhanga	15,00,437	10,341	67	1,586	125,037	44	10,000	155,185
Monkhyr	7,70,446	4,682	81	2,394	62,503	50	15,142	222,495
Bhagalpur	10,09,801	20,002	210	1,806	100,951	85	19,602	178,235
Purnea	12,34,070	9,031	347	3,215	151,853	1,635	28,879	60,705
Sonhat Parganna	5,13,195	1,491	478	2,613	74,008	34	25,303	61,986
Darjeeling	3,02,881	18,830	121	2,356	30,276	163	8,841	25,585
Cooch Behar	2,48,844	2,487	.....	173	14,851	47	303	6,320
<b>Total Bihar</b>	<b>1,39,30,489</b>	<b>1,30,727</b>	<b>3,480</b>	<b>24,031</b>	<b>1,060,560</b>	<b>2,443</b>	<b>221,730</b>	<b>1,900,551</b>
<b>ORISSA</b>								
Cuttack	2,14,216	14,159	.....	4,243	3,077	23	.....	34,930
Balasore	1,72,344	1,634	919	12,109	127,184	60	3,086	230,845
Puri	19,943	1,233	.....	36	2	112	.....	11,725
Sambalpur	91,842	467	3	574	11,532	46	233	75,355
Mourbhani State	18,408	.....	.....	18	3,019	5	.....	4,636
<b>Total Orissa</b>	<b>5,16,815</b>	<b>17,363</b>	<b>922</b>	<b>16,979</b>	<b>145,414</b>	<b>286</b>	<b>4,160</b>	<b>362,510</b>
<b>CHOTA NAGPUR</b>								
Hazaribagh	2,28,106	3,242	.....	1,209	31,110	23	4,834	1,555
Palamu	1,87,208	4,113	2	6	26,604	2	.....	12,180
Manbhum	5,63,935	10,831	83	6,240	114,884	300	8,406	47,070
Singbhum	55,457	68	.....	323	21,236	42	.....	84,873
Gangpur (Tributary State)	15,891	.....	.....	18	15,074	23	.....	3,135
<b>Total Chota Nagpur</b>	<b>10,46,607</b>	<b>18,264</b>	<b>85</b>	<b>7,663</b>	<b>211,943</b>	<b>368</b>	<b>14,301</b>	<b>149,705</b>
<b>Total Exports to the Provinces under the Lieutenant-Governor of Bengal.</b>	<b>2,00,00,081</b>	<b>8,06,740</b>	<b>17,632</b>	<b>67,026</b>	<b>2,245,403</b>	<b>86,240</b>	<b>860,201</b>	<b>3,313,218</b>
<b>OTHER PROVINCES AND PLACES</b>								
Barma	2,70,000	17,362	942	17,410	27	.....	303	6,308,560
E B and Assam	94,28,354	3,38,493	35,810	0,204	1,005,714	33,777	331,167	620,340
U P of Agra and Oudh	1,26,00,820	73,802	4,840	1,042	165,121	661	177,533	1,574,809
Punjab	24,67,824	49,406	1,050	55	.....	61	7,095	2,074,855
Sind and British Baluchistan	7,762	.....	30	24	.....	.....	.....	2,038,295
Central Provinces and Berar	3,31,635	6,046	40	687	702	159	5,158	347,900
Bombay	57,689	9,080	32	27	.....	.....	.....	5,308,875
Madras	3,31,638	1,018	36	3,378	.....	41	3,099	1,131,720
Rajputana and Central India	3,15,473	2,901	165	8	.....	66	488	55,825
Nizam's Territory	11,858	780	.....	85	.....	.....	.....	19,880
Mysore	.....	11	.....	.....	.....	.....	.....	.....
Alleppey	.....	.....	.....	.....	.....	.....	.....	3,000
Pondicherry	.....	.....	.....	.....	.....	.....	.....	30,000
Port Blair	5,325	200	.....	276	.....	.....	96	.....
<b>GRAND TOTAL</b>	<b>1906 4,50,04,700</b>	<b>13,86,450</b>	<b>61,202</b>	<b>96,820</b>	<b>3,507,170</b>	<b>120,097</b>	<b>1,094,306</b>	<b>22,861,831</b>
<b>1905 4,64,05,477</b>	<b>5,67,349</b>	<b>57,767</b>	<b>91,114</b>	<b>3,572,207</b>	<b>103,988</b>	<b>958,693</b>	<b>27,493,420</b>	
<b>1904 3,00,00,380</b>	<b>3,23,366</b>	<b>54,881</b>	<b>86,475</b>	<b>2,936,385</b>	<b>152,434</b>	<b>1,307,726</b>	<b>31,755,487</b>	

\* The value rates are fixed quarterly and the monthly valuation is made at the value rates of the preceding quarter  
† Represents the trade registered at the traffic-registering stations only  
‡ Including gunny-cloth, 2 yards = 1 bag

## No VI

Statement of the Routes by which the Articles enumerated in Table No V were exported from the Calcutta Trade Block in the three months of April to June 1906

	COTTON PIECE-GOODS*		COTTON YARN		Salt	KEROSENE OIL		Gum. Resin†
	European	Indian	European	Indian		From Calcutta	From Budge-Budge	
	Rs	Rs	Mds	Mds	Mds	Mds	Mds	No
By boat ... ..	5,08,200	1,23,500	1,910	.....	489,000	50,779	4,538	100,000
" river steamer ... ..	46,05,899	79,418	26,049	677	579,357	9,919	270,031	321,141
{ E I Railway ... ..	2,77,53,980	2,09,527	7,700	33,121	1,327,150	6,892	450,541	4,591,323
{ E B S Railway (including B U Railway) ... ..	84,03,723	4,73,000	16,110	9,008	681,337	13,116	350,490	434,646
{ A-B Railway ... ..	5,75,736	1,28,844	3,902	1,039	33,079	630	1,088	14,125
" rail ... ..	14,11,540	27,473	11	22,317	297,263	625	11,550	913,221
{ B-N Railway ... ..	2,09,275	1,539	737	.....	.....	132	.....	1,240,690
{ N-W Railway ... ..	5,70,229	8,951	155	1,337	.....	11	20	1,440,340
{ Bombay Railways ... ..	2,05,306	.....	585	.....	3,118	300	.....	4,830
{ Howrah-Amra and Howrah-Shoakhala Light Railway‡ ... ..	8,38,257	1,95,099	1,440	.....	25,597	35,472	1,747	11,690
" road ... ..	3,96,240	25,496	1,944	20,671	90,640	.....	4,350	13,775,430
" sea ... ..	.....	.....	.....	.....	.....	.....	.....	.....
Total ... ..	1906 ...	4,56,04,700	13,06,450	61,202	3,507,150	120,937	1,794,365	22,561,323
	1905 ...	4,54,06,677	5,67,369	57,757	3,375,207	103,968	960,693	27,483,600
	1904 ...	3,60,60,580	3,22,868	54,881	2,930,558	162,434	1,547,725	31,755,400

\* The value rates are fixed quarterly and the monthly valuation is made at the value rates of the preceding quarter

† Including gunny-cloth, 2 yards = 1 bag

‡ Trade carried by these railways was not registered previous to April 1904

September 17, 1906.

F. NORI-PATON,  
Director-General of Commercial Intelligence.  
T. W. RICHARDSON,  
Offy. Secretary to the Government of Bengal.

## Vital Statistics of the districts of Bengal for the month of July 1906.

DISTRICT.	Population under registration.	BIRTHS.		DEATHS.										AVERAGE OF CORRESPONDING MONTH OF PREVIOUS FIVE YEARS.	REMARKS.					
		Number registered.	Ratio per 1,000 of population per annum.	CHOLERA.	SMALL-POX.	PLAGUE.	FEVER.	DYSSENTERY AND DIARRHŒA.	RESPIRATORY DISEASES.	INJURY.	OTHER CAUSES.	TOTAL OF ALL CAUSES.								
												Number registered.	Ratio per 1,000 of population per annum.			Number registered.	Ratio per 1,000 of population per annum.			
Burdwan	1,532,475	3,924	29.68	73	166	190	2,543	19.93	69	48	14	10	76	46	702	5.40	3,635	29.44	2,873	29.44
Birbhum	902,290	2,455	32.64	36	59	36	1,089	22.04	7	08	23	34	34	34	588	4.39	2,128	28.50	1,768	23.40
Bankura	1,116,411	3,509	37.68	181	27	34	1,089	22.04	30	08	23	34	66	66	618	6.60	2,128	28.50	1,768	23.40
Midnapore	2,789,114	7,252	31.32	598	75	24	4,073	29.64	107	08	14	06	145	145	1,145	4.94	6,435	28.54	5,354	29.56
Hooghly, including Sarrampore.	1,049,223	1,876	21.36	53	60	48	1,315	14.52	103	10	27	24	39	36	304	3.36	1,851	20.56	1,959	20.56
Howrah	850,514	2,068	29.16	96	100	139	673	9.48	219	30	36	36	35	72	405	6.48	1,617	23.16	1,574	23.20
24 Parganas	2,078,359	3,990	22.92	60	77	38	2,053	15.48	189	29	19	19	163	34	541	9.59	2,943	17.16	3,160	18.12
Calcutta	841,786	1,073	15.19	61	38	48	2,053	15.48	189	29	19	19	163	34	541	9.59	2,943	17.16	3,160	18.12
Nadia	1,057,491	3,010	21.72	35	8	04	2,053	15.48	189	29	19	19	163	34	541	9.59	2,943	17.16	3,160	18.12
Buridabad	1,353,184	3,256	29.04	9	98	84	2,053	15.48	189	29	19	19	163	34	541	9.59	2,943	17.16	3,160	18.12
Jessore	1,813,155	3,643	33.40	13	22	19	2,053	15.48	189	29	19	19	163	34	541	9.59	2,943	17.16	3,160	18.12
Khulna	1,253,043	2,916	27.44	118	60	36	2,156	16.80	68	08	3	01	124	72	389	9.00	3,245	29.40	3,033	26.40
Purnea	1,024,985	3,387	39.24	136	60	36	2,156	16.80	68	08	3	01	124	72	389	9.00	3,245	29.40	3,033	26.40
Gaya	2,069,633	7,379	49.36	249	60	36	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Shahabad	1,803,008	4,944	30.28	1,224	14	08	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Baran	2,400,409	8,866	34.08	1,889	43	12	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Champana	1,740,463	4,944	30.28	1,224	14	08	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Muzaffarpur	2,754,708	7,385	37.68	215	31	12	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Darbhanga	2,912,611	8,325	39.08	544	11	03	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Monohar	2,095,934	6,831	37.80	681	13	04	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Bhagalpur	2,085,983	6,455	35.32	647	66	36	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Farrukh	1,874,704	3,988	35.32	81	20	108	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Darjeeling	340,117	612	38.26	3	1	04	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
South Parganas	1,809,757	5,549	36.72	1,234	130	48	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Chittagong	2,028,753	8,960	49.32	858	25	19	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Bahar	1,071,197	3,685	40.92	348	100	108	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Puri	1,017,394	4,596	54.13	535	402	408	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Sambalpur	636,890	2,871	54.00	...	...	...	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Angul and Khondwala	1,177,951	5,533	56.28	1,304	4	03	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Hazaribagh	1,157,095	6,405	64.68	79	13	19	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Ranchi	619,000	2,391	55.92	32	1	01	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Palghat	1,391,384	6,454	59.40	635	5	03	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Marbhoom	813,579	1,880	38.88	13	...	...	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Singbhum	...	...	...	...	...	...	4,102	25.56	107	08	161	03	103	150	2,296	16.44	7,143	49.54	6,530	31.72
Total	50,525,044	147,832	35.04	17,988	1,915	36	53,655	19.80	3,752	84	12	12	4,393	96	26,853	6.36	188,885	39.88	121,700	29.16
Total, excluding Sambalpur district	49,801,164	144,961	34.80	17,288	1,915	36	53,215	19.92	3,531	84	12	12	4,379	96	26,833	6.24	187,749	33.19	...	...
Average of the corresponding month of previous five years	...	146,444	35.16	13,300	1,840	36	74,534	17.86	3,717	84	Data not available.	3,381	72	24,449	5.88	...	29.16	...	...	...
Difference + or -	...	-1,433	-3.6	+3,983	+66	Equal	+8,691	+2.04	-86	Equal	...	+1,118	+2.4	+1,577	+3.6	+10,046	+3.96	...	...	...

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 14th September 1906.

W. W. CLEMESHA, CAPTAIN, I.M.S.,

Offg. Sanitary Commissioner for Bengal.

## Vital Statistics of Towns in Bengal with a population of 20,000 and over during the month of July 1906.

Districts.	Towns.	Population under registra- tion.	BIRTHS.		DEATHS.										TOTAL OF ALL CAUSES.		AVERAGE OF CORRESPONDING MONTHS OF PREVIOUS FIVE YEARS.		REMARKS.
			Number.	Ratio per 1,000 of population.	Cholera.	Small-pox.	Plague.	Fever.	DYSENTERY AND DIARRHEA.		INJURY.	OTHER CAUSES.	Number.	Ratio per 1,000 of population.	Number.	Ratio per 1,000 of population.			
									Number.	Ratio per 1,000 of population.									
Burdwan	1. Burdwan	35,266	29	9.54	1	3	...	42	14.98	7	9.98	1	2.4	2	2.98	61	21.36	69	23.40
	2. Bankura	20,737	35	16.76	...	...	...	63	30.34	13	6.18	1	4.8	5	2.34	34	16.58	34	16.58
	3. Medinipur	33,140	44	13.28	...	...	...	32	9.68	6	1.80	4	1.66	8	2.40	102	30.84	116	35.76
Hooghly	4. Hooghly and Chinsura	38,383	44	11.48	...	...	...	32	8.36	6	1.56	1	2.4	8	2.10	54	14.10	70	18.56
	5. Hooghly	44,431	49	11.00	...	...	...	42	9.44	38	8.56	11	2.4	...	4.80	286	64.10	386	87.84
	6. Howrah	157,534	215	13.64	...	...	...	15	4.32	1	0.24	...	...	...	6.72	23	14.96	31	19.72
Purulia	7. Comptore-Chitpur	40,750	25	6.12	...	...	...	13	3.18	1	0.24	...	...	...	8.04	22	5.40	18	4.44
	8. Manikiala	32,387	26	7.98	...	...	...	21	6.48	2	0.48	...	...	...	10.80	28	8.76	43	13.56
	9. South Suburban	26,371	65	24.68	...	...	...	23	8.72	...	...	...	...	...	15.00	31	11.76	24	9.12
Parganas	10. Garden Reach	28,211	25	8.88	...	...	...	13	4.64	...	...	...	...	...	15.00	35	12.36	43	15.48
	11. Khasore	35,432	24	6.76	...	...	...	14	3.96	1	0.24	...	...	...	15.00	25	7.08	35	9.96
	12. Khasore	31,540	25	7.92	...	...	...	14	4.44	1	0.24	...	...	...	15.00	25	7.92	35	11.04
Dacca	13. Calcutta	847,746	1,073	12.52	...	...	...	23	2.72	132	1.56	303	3.56	...	10.68	1,030	12.00	1,539	17.84
	14. Krishnagar	24,547	7	2.88	...	...	...	40	17.76	...	...	...	...	...	4.44	56	23.04	62	25.52
	15. Barisal	36,898	58	15.72	...	...	...	41	11.12	...	...	...	...	...	14.72	53	14.44	58	15.72
Brahmabutra	16. Barisal	31,397	38	12.08	...	...	...	113	36.00	27	8.64	16	5.12	...	14.72	93	29.72	113	35.76
	17. Barisal	13,765	22	15.96	...	...	...	11	7.92	...	...	...	...	...	13.2	39	28.12	53	38.56
	18. Barisal	46,083	36	7.80	...	...	...	184	39.96	36	7.72	3	0.6	...	13.2	89	19.04	234	50.56
Brahmabutra	19. Barisal	33,089	36	10.88	...	...	...	20	6.00	...	...	...	...	...	10.8	48	14.4	87	25.56
	20. Barisal	48,170	133	27.60	...	...	...	45	9.36	...	...	...	...	...	7.08	166	33.96	100	20.64
	21. Barisal	33,044	113	33.96	...	...	...	55	16.64	...	...	...	...	...	13.56	161	48.72	128	38.56
Brahmabutra	22. Barisal	45,911	125	27.24	...	...	...	29	6.48	...	...	...	...	...	13.56	234	51.72	234	51.72
	23. Barisal	24,998	94	38.04	...	...	...	29	11.76	...	...	...	...	...	13.56	82	31.48	119	42.56
	24. Barisal	46,617	65	13.96	...	...	...	16	3.6	...	...	...	...	...	11.76	45	12.48	82	18.56
Brahmabutra	25. Barisal	31,398	102	32.52	...	...	...	23	7.32	...	...	...	...	...	10.92	124	39.36	178	55.76
	26. Barisal	33,248	137	40.80	...	...	...	23	6.96	...	...	...	...	...	10.92	73	22.08	122	36.96
	27. Barisal	33,248	102	30.72	...	...	...	23	6.96	...	...	...	...	...	10.92	73	22.08	122	36.96
Brahmabutra	28. Barisal	33,248	137	40.80	...	...	...	23	6.96	...	...	...	...	...	10.92	73	22.08	122	36.96
	29. Barisal	33,248	137	40.80	...	...	...	23	6.96	...	...	...	...	...	10.92	73	22.08	122	36.96
	30. Barisal	33,248	137	40.80	...	...	...	23	6.96	...	...	...	...	...	10.92	73	22.08	122	36.96
Brahmabutra	31. Barisal	33,248	137	40.80	...	...	...	23	6.96	...	...	...	...	...	10.92	73	22.08	122	36.96
	32. Barisal	33,248	137	40.80	...	...	...	23	6.96	...	...	...	...	...	10.92	73	22.08	122	36.96
	33. Barisal	33,248	137	40.80	...	...	...	23	6.96	...	...	...	...	...	10.92	73	22.08	122	36.96
Brahmabutra	34. Barisal	33,248	137	40.80	...	...	...	23	6.96	...	...	...	...	...	10.92	73	22.08	122	36.96
	35. Barisal	33,248	137	40.80	...	...	...	23	6.96	...	...	...	...	...	10.92	73	22.08	122	36.96
	36. Barisal	33,248	137	40.80	...	...	...	23	6.96	...	...	...	...	...	10.92	73	22.08	122	36.96
Total of all towns with a population of 20,000 and over			3,462	18.48	415	12.48	85	1,668	8.40	365	1.92	385	2.04	124	3.76	4,672	25.08	5,226	27.96
Average of corresponding month of previous five years			3,784	20.28	613	17.48	...	1,746	9.36	512	2.64	...	...	124	3.96	5,226	27.96	...	...
Difference + or -			-322	-1.80	-198	+2.4	...	-180	-1.6	-144	-7.2	...	...	...	-1.20	-554	-2.88	...	...

OFFICE OF SANITARY COMMISSIONER FOR BENGAL.

The 14th September 1906.

W. W. CHAKRAVARTY, CAPTAIN, I.M.S.,

Offg. Sanitary Commissioner for Bengal.



GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

*Approximate Return of Traffic on the Circular and Eastern Canals for the week ending Saturday, the 15th September 1906, as compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 15TH SEPTEMBER 1906.			WEEK ENDING SATURDAY, THE 16TH SEPTEMBER 1905.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
		Mds.	Rs.		Mds.	Rs.
Rice and paddy ...	886	1,59,014	1,334	619	66,020	952
Jute ...	313	67,117*	974	116	35,468†	410
Firewood ...	95	68,880	1,041	107	91,900	1,388
Other articles ...	429	1,06,082	1,255	671	1,42,541	1,650
Total ...	1,183	3,98,873	4,604	1,313	3,34,929	4,400

\* Weight by canal measurement, 7,995½ maunds.  
† Ditto ditto, 35,867½ "

Results of the Meteorological Observations taken at the Alipore Observatory from  
9th to 15th September 1906.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1906.				Inches.						Inches.		%			Inches.	
Sept.	9th	143.4	1.0	29.588	82.7	87.9	9.9	78.0	79.4	0.998	79.0	94	SSE and E by S	86	Nil	Chiefly cloudy, o, d, p.
"	10th	141.7	1.0	.583	82.1	86.1	7.5	78.6	79.7	.998	79.2	98	E by S, ESE and S by W.	84	1.46	Chiefly cloudy, o, d.
"	11th	141.7	0.9	.491	81.8	85.4	6.7	78.7	79.4	.989	78.9	93	SE, ENE and S by W.	125	0.09	Chiefly cloudy, o, d, p.
"	12th	103.6	Nil	.558	75.4	82.0	6.6	75.4	76.8	.910	76.4	94	SE, SE by S and ESE.	176	1.04	Cloudy, o, d, p.
"	13th	125.1	0.1	.721	80.2	82.9	4.9	78.0	77.6	.928	76.8	91	SE by E and SW	113	0.60	Cloudy, o, d.
"	14th	150.4	6.3	.804	83.1	89.9	13.0	76.9	78.8	.987	77.3	94	SW and SW by W.	86	0.02	Chiefly clear.
"	15th	146.7	4.2	.776	83.9	89.4	10.4	79.0	82.0	.964	78.1	81	SW by W, NNE and W by N.	61	Nil	Partially cloudy, p.

The mean pressure of the seven days ... .. 29.639  
The average pressure of the corresponding period for 24 years, Surveyor-General's Office ... .. 29.660

The total number of hours of bright sunshine ... .. 15.5  
The maximum possible number of hours of sunshine ... .. 86.2

The mean temperature of the seven days ... .. 81.7  
The average temperature of the corresponding period for 24 years, Surveyor-General's Office ... .. 83.3

The extreme variation of temperature ... .. 14.5  
The maximum temperature ... .. 89.9

The highest velocity of the wind in one hour ... .. 13  
... .. 90

The mean relative humidity ... .. 86  
The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office ... .. 86

The total fall of rain from 9th to 15th September 1906 ... .. 3.21  
The average fall of the corresponding period for 24 years, Surveyor-General's Office ... .. 2.63

The total fall from 1st January to 15th September 1906 ... .. 48.96  
The average fall of the corresponding period for 24 years, Surveyor-General's Office ... .. 54.26

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and from eye observations.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph. The mouth of the rain-gauge is one foot above the ground. The rainfall reported on any day is for 24 hours preceding 8 A.M. of that day.

o, overcast; d, drizzling rain; p, passing temporary showers.

O. W. PEAKE,

for Director-General of Observatories.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;  
Alipore (Calcutta), the 17th September 1906.

## EASTERN BENGAL STATE RAILWAY.

*Abstract of Principal Commodities carried over the Eastern Bengal State Railway during the month of July 1906 as compared with the same month of the previous year.*

No.	STAPLES.	1905.	1906.	Increase in 1906.	Decrease in 1906.	EXPLANATIONS OF FLUCTUATIONS BY TRAFFIC SUPERINTENDENT.
		Tons.	Tons.	Tons.	Tons.	
1	Apparel, including drapery, haberdashery, millinery, uniforms, accoutrements, boots and shoes.	15	79	64	59	
2	Coal and coke carried for the Public and Foreign Railways.	33,376	42,047	8,671	8,769	
3	Cotton—	68	138	70	70	
	(1) Raw	146	199	53	23	
	(2) Manufactured—	240	202	38	21	
	(a) Twist and yarn, European	1,051	1,030	21	9	
	(b) Ditto, Indian	98	89	9	63	
	(c) Piece-goods, European	51	114	63	12	
	(d) Ditto, Indian	5	17	12	5	
	(e) Others	14	11	3	3	
4	Chemicals, excepting saltpetre	5	17	12	5	
5	Drugs—	5	17	12	5	
	(1) Intoxicating, other than opium	5	17	12	5	
	(2) Non-intoxicating—	5	17	12	5	
	(a) Medicinal preparations	5	17	12	5	
	(b) Others	5	17	12	5	
6	Dyes and Tans—	16	20	4	4	
	(1) Al (Morinda citrifolia)	16	20	4	4	
	(2) Alizarine and Aniline dyes	16	20	4	4	
	(3) Cutch	16	20	4	4	
	(4) Indigo	16	20	4	4	
	(5) Myrabolams	16	20	4	4	
	(6) Tanning barks	16	20	4	4	
	(7) Turmeric	16	20	4	4	
	(8) Others	16	20	4	4	
7	Fodder—	924	970	46	46	
	(1) Oilcake	1,102	1,190	88	88	
	(2) Hay, straw and grass	195	463	268	268	
8	Fruits and vegetables, fresh	195	463	268	268	
9	Grain and Pulse—	2,308	4,650	2,342	2,342	
	(1) Gram and pulse	9,563	2,004	8,559	8,559	
	(2) Jawar and bajra	11,506	4,430	7,076	7,076	
	(3) Rice in the husk	72	908	836	836	
	(4) Do. not in the husk	430	452	22	22	
	(5) Wheat	98	186	88	88	
	(6) Do. flour	98	186	88	88	
	(7) Others	98	186	88	88	
10	Hides and skins—	762	1,053	291	291	
	(1) Hides of cattle—	762	1,053	291	291	
	(a) Dressed or tanned	762	1,053	291	291	
	(b) Raw	762	1,053	291	291	
	(2) Skins of sheep and other animals—	121	191	70	70	
	(a) Dressed or tanned	121	191	70	70	
	(b) Raw	121	191	70	70	
11	Horns	14	6	8	8	
12	Hemp (Indian) and other fibres, excluding jute.	427	1,315	888	888	
13	Jute—	17,001	23,997	6,996	6,996	
	(1) Raw	603	930	327	327	
	(2) Gunny-bags and cloth	138	73	65	65	
14	Lea	138	73	65	65	
15	Leather—	51	51	0	0	
	(1) Unwrought	51	51	0	0	
	(2) Wrought, excepting boots and shoes	51	51	0	0	
16	Liquors—	29	10	19	19	
	(1) Ale and beer	29	10	19	19	
	(2) Spirits of all kinds, including country spirit.	64	66	2	2	
	(3) Wines	64	66	2	2	
	(4) All other sorts, including toddy and fermented liquors, other than ale and beer.	64	66	2	2	
17	Metals—	36	37	1	1	
	(1) Brass, unwrought	253	151	102	102	
	(2) Do., wrought	31	15	16	16	
	(3) Copper, unwrought	16	178	162	162	
	(4) Do., wrought	16	178	162	162	
	(5) Iron and steel—	1	143	142	142	
	(a) Cast	87	1,523	1,436	1,436	
	(b) Unwrought	2,785	1,523	1,262	1,262	
	(c) Wrought	598	890	292	292	
	(d) Manufactures	1,117	1,426	309	309	
	(6) Others	1,117	1,426	309	309	
18	Oils—	10,802	10,196	606	606	
	(1) Kerosine	5	3	2	2	
	(2) Castor	145	83	62	62	
	(3) Coconut	492	451	41	41	
	(4) Mustard and rape	279	112	167	167	
	(5) Others	279	112	167	167	
19	Oilseeds—	12	12	0	0	
	(1) Castor	423	1,170	747	747	
	(2) Earthnuts	65	65	0	0	
	(3) Linseed	1,406	2,101	695	695	
	(4) Poppy	422	139	283	283	
	(5) Rape and mustard	107	37	70	70	
	(6) Tl or mjill	107	37	70	70	
	(7) Others	107	37	70	70	
20	Opium	616	619	3	3	
21	Paper and pasteboard	616	619	3	3	
22	Provisions—	162	162	0	0	
	(1) Dried fruits and nuts	20	38	18	18	
	(2) Ghee	602	1,074	472	472	
	(3) Others	602	1,074	472	472	

No.	STAFFS.	1905.	1906.	Increase in 1906.	Decrease in 1906.	EXPLANATIONS OF FLUCTUATIONS BY TRAFFIC SUPERINTENDENT.
		Tons.	Tons.	Tons.	Tons.	
23	Railway Plant, &c., for the Public and Foreign Railways—					
	(1) Locomotive engines and tenders and parts thereof.	15	15			
	(2) Carriages and trucks and parts thereof	37	37			
	(3) Materials—					
	(a) Steel rails and fish-plates	6	6			
	(b) Sleepers and keys of steel and cast-iron.	229	1,308		1,074	
	(c) Others	5,357	4,076	1,281		
24	Salt					
25	Saltpetre and other saline substances—					
	(1) Saltpetre	1	86		33	
	(2) Other saline substances	175	190		24	
26	Silk—					
	(1) Raw—					
	(a) Foreign	18	10	3		
	(b) Indian					
	(2) Piece-goods—					
	(a) Foreign					
	(b) Indian					
27	Spices—					
	(1) Betelnuts	909	837	72		
	(2) Cardamoms	3	7		4	
	(3) Chillies	127	220		93	
	(4) Ginger	50	192		142	
	(5) Pepper	2	8		6	
	(6) Others	104	114		10	
28	Stone and lime	2,015	1,420	1,186		
29	Sugar—					
	(1) Refined or crystallised, including sugar-candy.	735	500	175		
	(2) Unrefined—					
	(a) Sugar	701	907		206	
	(b) Gur, rab, jaggery, molasses, and other saccharine produce.	2,070	1,746	324		
30	Tea—					
	(1) Foreign	4,400	3,097	1,303		
	(2) Indian					
31	Tobacco—					
	(1) Unmanufactured	3,250	3,830		580	
	(2) Manufactured—					
	(a) Cigars	49	36	13		
	(b) Other sorts					
32	Wood—					
	(1) Timber, unwrought	3,343	2,455	888		
	(2) Manufactures	239	197	42		
33	Wool—					
	(1) Raw	49	129		80	
	(2) Manufactured—					
	(a) Carpets and rugs					
	(b) Piece-goods, European					
	(c) Ditto, Indian	2	4		2	
	(d) Other sorts of manufactures					
34	All other articles of merchandise	8,009	7,414	595		
	Total	134,303	137,093	22,961	22,917	

CALCUTTA, the 15th September 1906.

S. LEVETT YEATS,  
Offg. Examiner of Accounts, E. B. S. Ry.

BENGAL-NAGPUR RAILWAY.

Abstract of principal commodities carried during the month of June 1906, as compared with the corresponding period of previous year.

ARTICLES.	1906.		1905.		Total.	Total.	Increase.	Decrease.
	Up.	Down.	Up.	Down.	1906.	1905.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
I.—Apparel, including drapery, haberdashery, millinery, uniforms, accoutrements, boots and shoes.	23	26	19	15	48	34	14	.....
II.—Coal and coke carried for the public and foreign railways.	13,570	124,200	23,497	116,116	207,770	150,013	57,757	.....
III.—Cotton—								
1. Raw .....	397	3,194	837	1,794	3,391	2,151	1,440	.....
2. Manufactured—								
(a) Twist and yarn, European .....	.....	56	1	353	56	354	.....	298
(b) Ditto, Indian .....	499	1,503	517	1,138	2,007	1,635	352	.....
(c) Piece-goods, European .....	395	193	294	153	551	427	124	.....
(d) Ditto, Indian .....	102	571	70	364	473	434	239	.....
(e) Others .....	.....	.....	1	1	.....	2	.....	2
IV.—Chemicals excepting saltpetre .....	34	18	37	114	53	141	.....	89
V.—Drugs—								
1. Intoxicating, other than opium. ....	.....	14	1	1	14	2	12	.....
2. Non-intoxicating—								
(a) Medicinal preparations .....	.....	.....	1	.....	.....	1	.....	1
(b) Others .....	127	130	103	63	257	166	91	.....
VI.—Dyes and Tans—								
1. Al (morinda citrifolia) .....	.....	.....	.....	.....	.....	.....	.....	.....
2. Alizarine and aniline dyes .....	.....	.....	.....	.....	.....	.....	.....	.....
3. Cutch .....	.....	.....	14	6	.....	20	.....	20
4. Indigo .....	.....	.....	2	1	.....	3	.....	3
5. Myrabolams .....	2,004	2,572	1,155	2,253	4,276	3,408	1,468	.....
6. Tanning barks .....	46	54	103	77	140	180	.....	.....
7. Turmeric .....	189	477	283	437	660	705	.....	39
8. Others .....	271	52	224	38	323	302	21	.....
VII.—Fodder—								
1. Oilcake .....	605	150	493	249	755	715	40	.....
2. Hay, straw and grass .....	469	1,029	38	104	1,408	1,42	1,350	.....
VIII.—Fruits and vegetables, fresh .....	662	463	777	190	1,125	967	158	.....
IX.—Grain and Pulse—								
1. Gram and pulse .....	2,066	9,373	7,413	5,326	12,339	12,739	.....	400
2. Jowar and bajra .....	78	452	252	203	530	454	76	.....
3. Rice in the husk .....	1,540	12,137	3,091	2,476	13,677	6,067	7,610	.....
4. " not in the husk .....	8,737	22,391	17,318	9,400	31,118	26,308	4,810	.....
5. Wheat .....	5,816	4,035	15,582	15,465	9,851	29,037	.....	19,186
6. " flour .....	349	119	306	111	468	417	51	.....
7. Others .....	140	576	276	31	1,016	307	709	.....
X.—Hides and skins—								
1. Hides of cattle—								
(a) Dressed or tanned .....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Raw .....	555	770	325	457	1,325	783	543	.....
2. Skins of sheep and other animals—								
(a) Dressed or tanned .....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Raw .....	1	.....	10	29	1	39	.....	38
XI.—Horns .....	53	40	63	62	96	146	.....	46
XII.—Hemp (Indian) and other fibres, excluding jute.	207	568	103	301	775	404	371	.....
XIII.—Jute—								
1. Raw .....	363	700	122	45	1,068	170	898	.....
2. Gunny-bags and cloth .....	1,688	596	2,308	1,465	2,274	3,763	.....	1,479
XIV.—Lac .....	476	417	274	1,223	923	1,497	.....	574
XV.—Leather—								
1. Unwrought .....	68	26	93	33	94	125	.....	31
2. Wrought excepting boots and shoes. ....	.....	.....	3	.....	.....	3	.....	3
XVI.—Liquors—								
1. Ale and beer .....	4	13	17	75	17	93	.....	75
2. Spirits of all kinds, including country-spirit and wine. ....	63	126	79	53	194	133	63	.....
3. Wine .....	.....	.....	.....	.....	.....	.....	.....	.....
4. All other sorts, including toddy and fermented liquor, other than ale and beer. ....	.....	.....	.....	.....	.....	.....	.....	.....
XVII.—Metals—								
1. Brass, unwrought .....	.....	.....	.....	1	.....	1	.....	1
2. " wrought .....	63	62	71	60	144	131	13	.....
3. Copper, unwrought .....	.....	.....	.....	.....	.....	.....	.....	.....
4. " wrought .....	16	1	12	15	15	27	.....	12
5. Iron and steel—								
(a) Cast .....	254	211	22	9	465	31	434	.....
(b) Unwrought .....	6,163	1,801	361	2,005	6,466	3,866	2,600	.....
(c) Wrought .....	399	103	255	164	562	419	143	.....
(d) Manufactures .....	12,700	1,860	21,105	911	10,780	23,016	.....	33,796
6. Others .....	.....	.....	.....	.....	.....	.....	.....	.....
XVIII.—Oils—								
1. Kerosine .....	3,270	615	2,311	370	3,885	2,531	1,354	.....
2. Castor .....	55	134	17	146	174	163	11	.....
3. Coconut .....	86	61	67	46	137	113	24	.....
4. Mustard and rape .....	180	103	94	29	285	123	162	.....
5. Others .....	183	38	70	67	221	127	94	.....



ARTICLES.	1906.		1905.		Total. 1906.	Total. 1905.	Increase.	Decrease.
	Up.	Down.	Up.	Down.				
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<b>XIX.—Oilseeds—</b>								
1. Castor	60	179	13	76	239	69	160	
2. Earthnuts	687	216	674	4,384	905	4,068	4,068	6,068
3. Linseed		8	22	6	8	28		30
4. Poppy	66	146	945	503	311	507		596
5. Rape and mustard	785	1,191	1,426	331	1,076	1,746		
6. Til or linjili	601	363	706	578	1,164	1,384		130
7. Others								3
<b>XX.—Opium</b>	2	4	5	4	6	9		
<b>XXI.—Paper and pasteboard</b>	120	9	5		120	5	134	
<b>XXII.—Provisions—</b>								
1. Dried fruits and nuts	739	348	409	144	1,087	613	474	
2. Ghee	116	245	53	286	351	319	43	
3. Others	436	341	257	143	777	400	377	
<b>XXIII.—Railway plant and rolling-stock carried for the public and foreign railways—</b>								
1. Locomotive engines and ten- ders and parts thereof.	28	43		6	71	6	77	
2. Carriages and trucks and parts thereof.	394		12		394	19	383	
3. Materials—								
(a) Steel rails and fish- plates.	60	1,277	46	1	1,327	46	1,281	
(b) Sleepers and keys of steel and cast-iron.	72				72			72
(c) Others	6,764	13,558	879	11,584	20,312	12,443	7,869	
<b>XXIV.—Salt</b>	9,634	5,948	9,667	8,577	15,893	18,244		2,603
<b>XXV.—Saltpetre and other saline sub- stances—</b>								
1. Saltpetre	26	38	57	1	114	61	50	6
2. Other saline substances								
<b>XXVI.—Silk—</b>								
1. Raw—								
(a) Foreign	24	31	14	35	55	49	6	
(b) Indian								
2. Piece-goods—								
(a) Foreign								
(b) Indian								
<b>XXVII.—Spices—</b>								
1. Betelnuts	913	55	839	59	968	888	80	
2. Cardamoms		760	60	909	914	969		55
3. Chillies	164		2	1	3	3		3
4. Ginger			1		1	1		1
5. Pepper	807	213	408	107	11,080	515	565	
6. Others								6,559
<b>XXVIII.—Stone and lime</b>	1,069	1,936	3,106	5,493	2,105	5,604		
<b>XXIX.—Sugar—</b>								
1. Refined or crystallized, includ- ing sugarcandy.	1,567	679	673	479	2,246	1,133	1,094	
2. Unrefined—								
(a) Sugar	285	672	403	356	657	851	6	
(b) Gur, rab, jaggery, molasses, and other saccharine produce.								
<b>XXX.—Tea—</b>								
1. Foreign		59	6	37	59	85	24	
2. Indian								
<b>XXXI.—Tobacco—</b>								
1. Unmanufactured	1,004	637	723	341	1,641	1,063	578	
2. Manufactured—								
(a) Cigars	60	100	83	45	160	135	25	3
(b) Other sorts								
<b>XXXII.—Wood—</b>								
1. Timber, unwrought	4,615	7,997	1,863	3,443	12,612	4,996	7,616	
2. Manufactured	35	64	78	96	89	173		74
<b>XXXIII.—Wool—</b>								
1. Raw								
2. Manufactured—								
(a) Carpets and rugs								
(b) Piece-goods, European								
(c) Ditto, Indian			2	1		4		4
(d) Other sorts of manufac- tures.								
<b>XXXIV.—All other articles of merchandise—</b>								
1. Firewood	3,864	1,584	3,953	1,904	5,468	5,856		388
2. Bamboos	2,56	365	2,783	3,369	3,229	5,182		1,953
3. Moha	4,459	613	1,743	825	5,272	2,568	2,704	
4. Bones	533	466	264	354	889	618	271	
5. Others	3,053	3,700	1,823	2,242	6,816	6,045	760	
<b>Total</b>	<b>55,190</b>	<b>303,121</b>	<b>144,045</b>	<b>211,149</b>	<b>591,811</b>	<b>356,194</b>	<b>107,800</b>	<b>71,683</b>
Net increase							30,127	

L. GREENHAM,  
for Auditor, Bengal-Nagpur Railway.

Calcutta, the 6<sup>th</sup> September 1906.